

**ERIFLEX<sup>®</sup>**

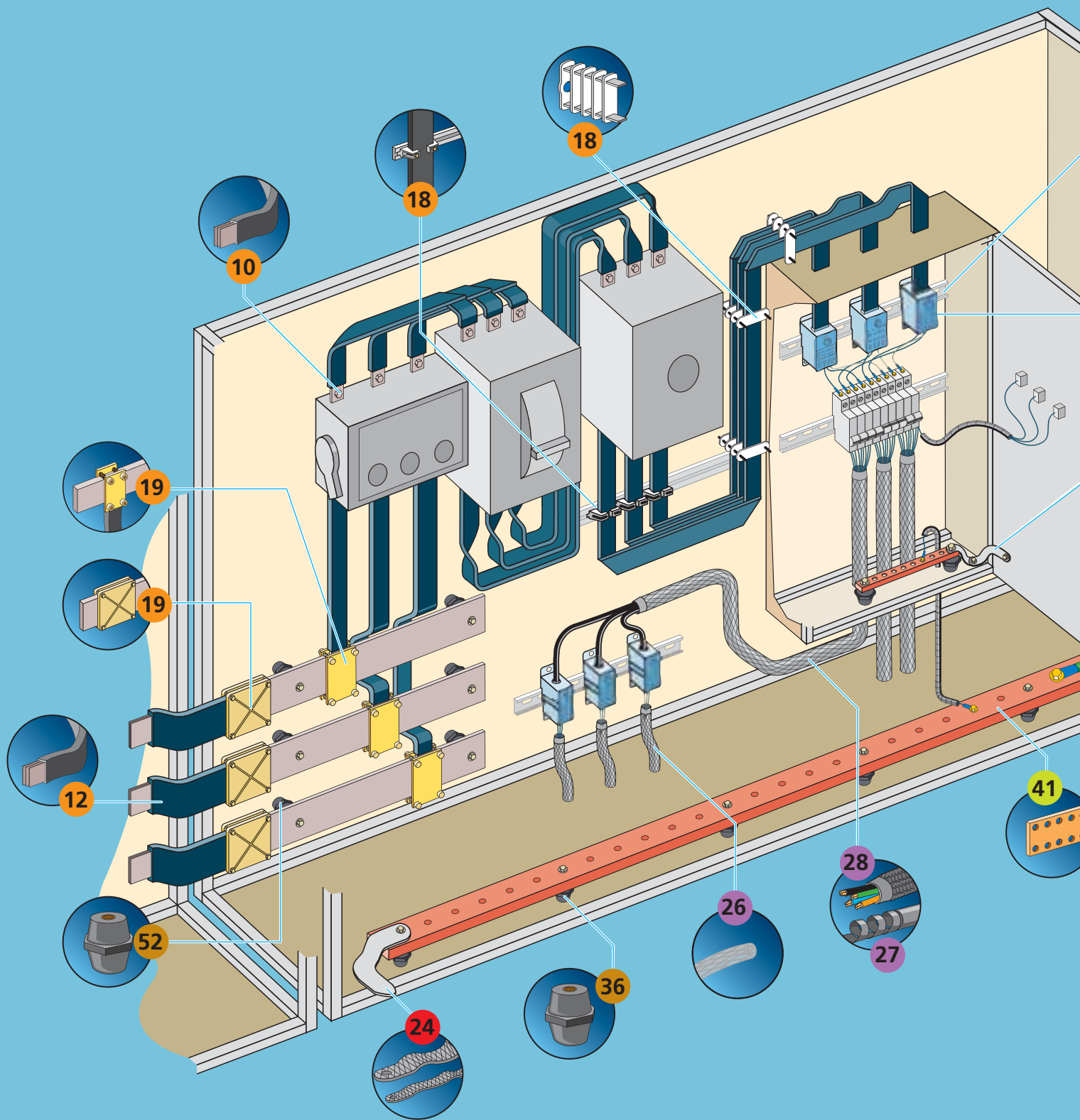
# Low Voltage Components



**ERICO<sup>®</sup>**

# ERIFLEX®

A complete product range for low voltage power distribution



**UL** **AGENCY APPROVALS**  
**Underwriters Laboratories**  
 UL Recognized, File No. E125470  
 UL Recognized, File No. E220029  
 UL Recognized, File No. E198301  
 UL Recognized, File No. E316390

**CSA** **Canadian Standards Association**  
 CSA Certified, File No. LL 90005

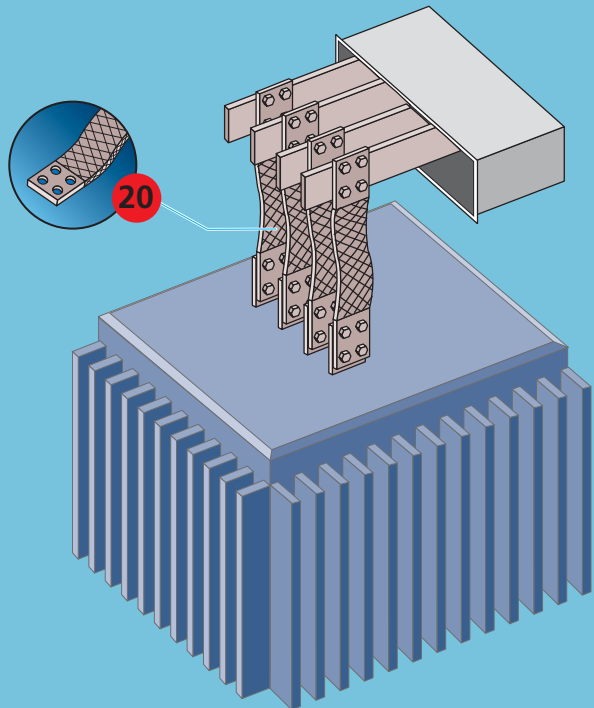
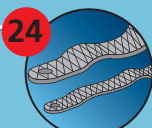
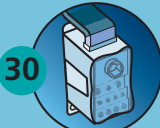
**ABS** **ABS American Bureau of Shipping**  
 Certificate No. 08-HS365878-DUP  
 Marine & Offshore Applications

**CE** **International Electrotechnical Association**

**Bureau VERITAS**  
 Certificate No. 02859 / DO BV  
 For shipboard use

**GOST**  
 Certificate compliance  
 POCC FR.AIO64.H01667 - 68 -  
 70 - 71 - 72 - 73 B11041

**CCC**  
 Bureau VERITAS - LCIE  
 Certificate No. 60027463 - 522822



## SUMMARY

**4-7**

CROSS REFERENCE LIST

**8-19**

ERIFLEX® FLEXIBAR

**20**

POWER SHUNTS

**21-26**

METALLIC BRAIDS

**27-28**

CABLE SLEEVES

**29-35**

DISTRIBUTION BLOCKS

**36-37**

INSULATORS

**38**

DIN-RAIL

**39-43**

COPPER BUSBARS &  
EARTHING PARTS

**44-52**

BUSBAR SUPPORT

**53-68**

HYDRAULIC & MANUAL TOOLS

**RoHS Compliant**

# ERIFLEX®

## Low Voltage Power Distribution



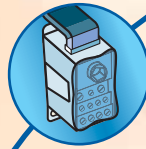
### ENERGY

- Electrical Power Generators and Distribution
  - Transformers
  - Generators
- Renewable Energies
  - Wind-Mills
  - Solar
  - Hydropower
- Oil, Gas & Petrochemical
- Telecom
- Power Stations



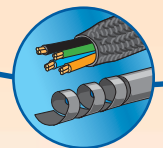
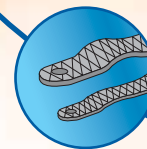
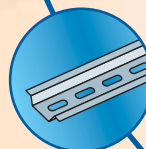
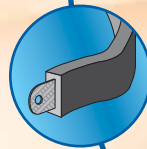
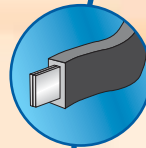
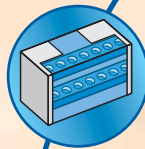
### TRANSPORTATION

- Marine
- Aircraft
- Ground Transportation
- Automotive



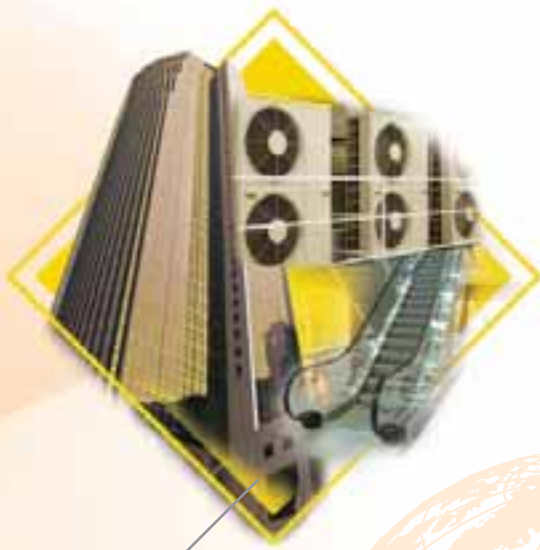
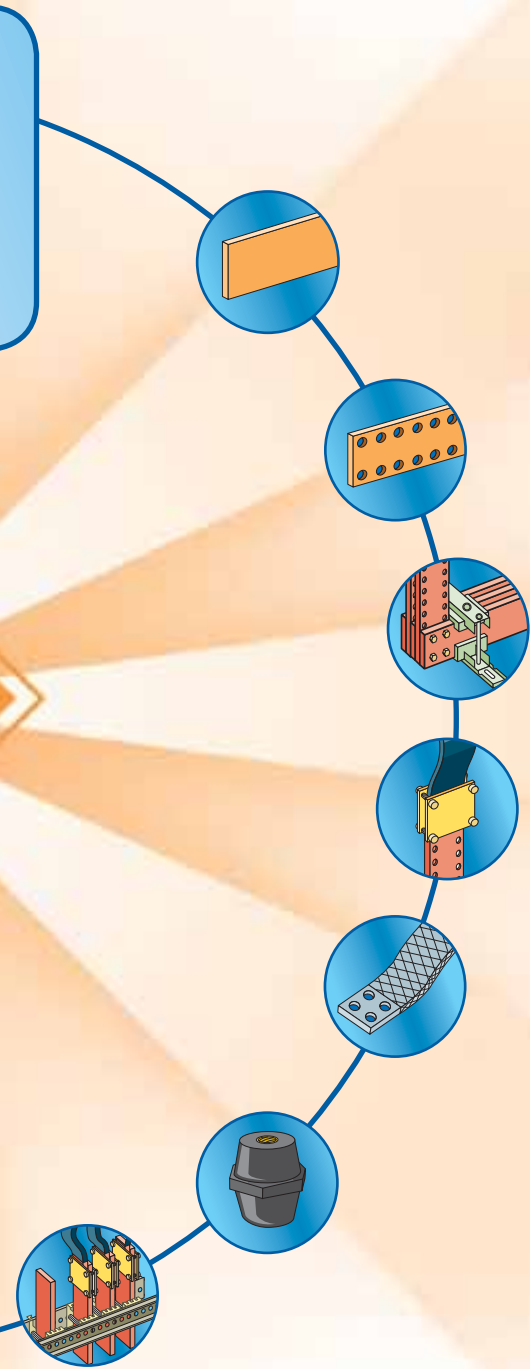
### Our Advantages

- Global Experienced Manufacturer
- Specialist
- Solution Provider
- Innovative & Flexible
- Compatible & Easy to Use
- Space and Time Saving



### PANELBOARD

- Power
  - Control & Command
- Applications:  
Power Switchboard,  
Distribution Panel, UPS,  
Power Factor Correction



### INDUSTRY & BUILDINGS

- Buildings & Shopping Centers
- Air Conditioning
- Elevators, Escalators & Automatic Doors



### MACHINERY

- Tunneling
- Crushers
- Printing
- Welding
- Packaging
- Wood Working

# Cross Reference List

Part No.	Description	page	Part No.	Description	page	Part No.	Description	page	Part No.	Description	page
<b>503.....</b>			505507	ERIFLEX FLEXIBAR 3MTC	10, 12,	505536	ERIFLEX FLEXIBAR 3MTC	10, 13,	545701	Electro Hydraulic Pump 115 V	61
503400	RTCB1 15-10	25		3 x 24 x 1	14		6 x 63 x 1	14		+ Foot Controller	
503410	RTCB1 15-16	25	505508	ERIFLEX FLEXIBAR 3MTC	10, 12,	505537	RIFLEX FLEXIBAR 3MTC	10, 13,	545706	Hydraulic oil 0,946 liter	61
503420	RTCB1 15-25	25		4 x 24 x 1	14		8 x 63 x 1	14	545720	HYDRAULIC BUSBAR & ERIFLEX	57
503430	RTCB1 15-30	25	505509	ERIFLEX FLEXIBAR 3MTC	10, 12,	505538	ERIFLEX FLEXIBAR 3MTC	10, 13,		FLEXIBAR WORK CENTER - 115V	
503440	RTCB1 15-50	25		5 x 24 x 1	14		10 x 63 x 1	14	545800	6,5 mm	59
503500	FTCB 20-3	25	505510	ERIFLEX FLEXIBAR 3MTC	10, 12,	505539	ERIFLEX FLEXIBAR 3MTC	10, 13,	545801	6,5 mm	59
503510	FTCB 20- 5	25		6 x 24 x 1	14		3 x 80 x 1	14	545805	9 mm	59
503520	FTCB 20-10	25	505511	ERIFLEX FLEXIBAR 3MTC	10, 12,	505540	ERIFLEX FLEXIBAR 3MTC	10, 13,	545806	9 mm	59
503530	FTCB 20-16	25		8 x 24 x 1	14		4 x 80 x 1	14	545810	11 mm	59
503540	FTCB 20-25	25	505512	ERIFLEX FLEXIBAR 3MTC	10, 12,	505541	ERIFLEX FLEXIBAR 3MTC	10, 13,	545811	11 mm	59
503600	FTCB1 15-16	25		10 x 24 x 1	14		5 x 80 x 1	14	545815	14 mm	59
503610	FTCB1 15-25	25	505513	ERIFLEX FLEXIBAR 3MTC	10, 12,	505542	ERIFLEX FLEXIBAR 3MTC	10, 13,	545816	14 mm	59
503620	FTCB1 15-35	25		2 x 32 x 1	14		6 x 80 x 1	14	545820	18 mm	59
503700	RTCB 15-10/HL	26	505514	ERIFLEX FLEXIBAR 3MTC	10, 12,	505543	ERIFLEX FLEXIBAR 3MTC	10, 13,	545821	18 mm	59
503710	RTCB 15-16/HL	26		3 x 32 x 1	14		8 x 80 x 1	14	545825	20 mm	59
503720	RTCB 15-25/HL	26	505515	ERIFLEX FLEXIBAR 3MTC	10, 12,	505544	ERIFLEX FLEXIBAR 3MTC	10, 13,	545826	20 mm	59
503730	RTCB 15-30/HL	26		4 x 32 x 1	14		10 x 80 x 1	14	545850	6,5x13 mm	59
503800	RTCB1 15-10/HL	25	505516	ERIFLEX FLEXIBAR 3MTC	10, 12,	505547	ERIFLEX FLEXIBAR 3MTC	10, 13,	545851	6,5x13 mm	59
503810	RTCB1 15-16/HL	25		5 x 32 x 1	14		6 x 100 x 1	14	545855	9x18 mm	59
503820	RTCB1 15-25/HL	25	505517	ERIFLEX FLEXIBAR 3MTC	10, 12,	505548	ERIFLEX FLEXIBAR 3MTC	10, 13,	545856	9x18 mm	59
503830	RTCB1 15-30/HL	25		3 x 32 x 1	14		8 x 100 x 1	14	545860	11x20 mm	59
<b>504.....</b>			505518	ERIFLEX FLEXIBAR 3MTC	10, 13,	505549	ERIFLEX FLEXIBAR 3MTC	10, 13,	545861	11x20 mm	59
504690	TTCE 8/HL	26		8 x 32 x 1	14		10 x 100 x 1	14	545865	14x20 mm	59
504971	AFBS-B 600	45	505519	ERIFLEX FLEXIBAR 3MTC	10, 13,	505550	ERIFLEX FLEXIBAR 3MTC	10, 13,	545866	14x20 mm	59
504980	ALP 2000	45		10 x 32 x 1	14		12 x 100 x 1	14	545890	6,5-9-11-14	59
504991	SI ALP-B	45	505520	ERIFLEX FLEXIBAR 3MTC	10, 12,	505551	ERIFLEX FLEXIBAR 3MTC	10, 13,	545892	18-20	59
<b>505.....</b>				2 x 40 x 1	14		6 x 45 x 1	14	545900	Punch Holder 6,5-9-11-14	59
505045	ERIFLEX® FLEXIBAR 2MTC	13, 14	505521	ERIFLEX FLEXIBAR 3MTC	10, 12,	505552	ERIFLEX FLEXIBAR 3MTC	10, 13,	545905	Punch Holder 18-20	59
	4 x 100 x 1			3 x 40 x 1	14		8 x 45 x 1	14	545910	Die Holder	59
505046	ERIFLEX FLEXIBAR 2MTC	13, 14	505522	ERIFLEX FLEXIBAR 3MTC	10, 12,	<b>510.....</b>			545950	5/16" Punch - 1/4" Bolt	59
	5 x 100 x 1			4 x 40 x 1	14	510100	TTCE 3	26	545951	5/16" Die - 1/4" Bolt	59
505051	ERIFLEX FLEXIBAR 2MTC	12, 14	505523	ERIFLEX FLEXIBAR 3MTC	10, 12,	510110	TTCE 5	26	545955	3/8" Punch - 5/16" Bolt	59
	3 x 9 x 0.8			5 x 40 x 1	14	510120	TTCE 8	26	545956	3/8" Die - 5/16" Bolt	59
505052	ERIFLEX FLEXIBAR 2MTC	12, 14	505524	ERIFLEX FLEXIBAR 3MTC	10, 13,	510130	TTCE 10	26	545960	17/32" Punch - 7/16" Bolt	59
	6 x 9 x 0.8			6 x 40 x 1	14	510140	TTCE 15	26	545961	17/32" Die - 7/16" Bolt	59
505053	ERIFLEX FLEXIBAR 2MTC	12, 14	505525	ERIFLEX FLEXIBAR 3MTC	10, 13,	510150	TTCE 20	26	545965	9/16" Punch - 1/2" Bolt	59
	3 x 13 x 0.5			8 x 40 x 1	14	510160	TTCE 25	26	545966	9/16" Die - 1/2" Bolt	59
505054	ERIFLEX FLEXIBAR 2MTC	12, 14	505526	ERIFLEX FLEXIBAR 3MTC	10, 13,	510170	TTCE 30	26	<b>548.....</b>		
	6 x 13 x 0.5			10 x 40 x 1	14	510180	TTCE 35	26	548400	ISO TP 15M4	37
505055	ERIFLEX FLEXIBAR 2MTC	12, 14	505527	ERIFLEX FLEXIBAR 3MTC	10, 12,	510300	FTCB1 16	25	548410	ISO TP 20M4	37
	4 x 15.5 x 0.8			3 x 50 x 1	14	510310	FTCB1 25	25	548420	ISO TP 20M6	37
505056	ERIFLEX FLEXIBAR 2MTC	12, 14	505528	ERIFLEX FLEXIBAR 3MTC	10, 13,	510320	FTCB1 35	25	548430	ISO TP 25M6	37
	6 x 15.5 x 0.8			4 x 50 x 1	14	510340	FTCB1 50	25	548440	ISO TP 30M6	37
505059	ERIFLEX FLEXIBAR 2MTC	12, 14	505529	ERIFLEX FLEXIBAR 3MTC	10, 13,	510500	RRCBI 15-10	26	548450	ISO TP 30M8	37
	2 x 15.5 x 0.8			5 x 50 x 1	14	510510	RRCBI 15-16	26	548470	ISO TP 35M6L	37
505501	ERIFLEX FLEXIBAR 3MTC	10, 12,	505530	ERIFLEX FLEXIBAR 3MTC	10, 13,	<b>541.....</b>			548480	ISO TP 35M8	37
	2 x 20 x 1	14		6 x 50 x 1	14	541600	ISO TP 60F10M16	37	548490	ISO TP 35M10	37
505502	ERIFLEX FLEXIBAR 3MTC	10, 12,	505531	ERIFLEX FLEXIBAR 3MTC	10, 13,	541601	ISO TP 60F12M16	37	548500	ISO TP 40M6	37
	3 x 20 x 1	14		8 x 50 x 1	14	<b>545.....</b>			548510	ISO TP 40M8	37
505503	ERIFLEX FLEXIBAR 3MTC	10, 12,	505532	ERIFLEX FLEXIBAR 3MTC	10, 13,	545650	HYDRAULIC BUSBAR & ERIFLEX	57	548511	ISO TP 40M12	37
	4 x 20 x 1	14		10 x 50 x 1	14		FLEXIBAR WORK CENTER - 230V		548520	ISO TP 40M10	37
505504	ERIFLEX FLEXIBAR 3MTC	10, 12,	505533	ERIFLEX FLEXIBAR 3MTC	10, 13,	545670	Busbar bender	60	548530	ISO TP 45M6	37
	5 x 20 x 1	14		3 x 63 x 1	14	545680	Puncher	59	548540	ISO TP 45M8	37
505505	ERIFLEX FLEXIBAR 3MTC	10, 12,	505534	ERIFLEX FLEXIBAR 3MTC	10, 13,	545690	Hydraulic Busbar Cutter	61	548550	ISO TP 45M8L	37
	6 x 20 x 1	14		4 x 63 x 1	14	545695	Hydraulic Busbar Cutter Blade	61	548560	ISO TP 45M10	37
505506	ERIFLEX FLEXIBAR 3MTC	10, 12,	505535	ERIFLEX FLEXIBAR 3MTC	10, 13,	545700	Electro Hydraulic Pump 230 V	61	548570	ISO TP 50M6	37
	2 x 24 x 1	14		5 x 63 x 1	14		+ Foot Controller		548580	ISO TP 50M8	37

# Cross Reference List

Part No.	Description	page	Part No.	Description	page	Part No.	Description	page	Part No.	Description	page
548581	ISO TP 50M12	37	549760	PCB 2 m 120 X 10	41	552200	ISOBOLT 25 M6	37	554560	PDBS 50G	28
548590	ISO TP 50M10	37	<b>550.....</b>			552220	ISOBOLT 30 M8	37	554570	PDBS 70G	28
548600	ISO TP 60M8	37	550160	TCB 30X10X2000	40	<b>553.....</b>			554730	PDBS 5B	28
548601	ISO TP 60M12	37	550180	TCB 30X10X1000	40	553020	FC 50 x 24	19	554750	PDBS 8B	28
548602	ISO TP 60M16	37	550190	TCB 12X 4X2000	40	553030	FC 50 x 32	19	554760	PDBS 10B	28
548609	ISO TP 70M10	37	550200	TCB 12X4X1000	40	553040	FC 50 x 40	19	554770	PDBS 12B	28
548610	ISO TP 60M10	37	550210	TCB 15 X 5	40	553050	FC 80 x 24	19	554790	PDBS 16B	28
548620	ISO TP 70M12	37	550220	TCB 20 X 5	40	553060	FC 80 x 32	19	554810	PDBS 20B	28
548629	ISO TP 75M10	37	550230	TCB 32 X 5	40	553070	FC 80 x 50	19	554830	PDBS 30B	28
548630	ISO TP 70M16	37	550250	Connector XM5	40	553100	HCBC 80	19	554850	PDBS 40B	28
548640	ISO TP 75M12	37	550290	TCB 20X10X1000	40	553110	HCBC 100	19	554860	PDBS 50B	28
548650	ISO TP 75M16	37	550350	DPCB 50 X 10	41	553120	HCBC 120	19	554870	PDBS 70B	28
548660	ISO TP 80M12	37	550360	DPCB 60 X 10	41	553200	BC 30	19	554880	ERIFLEX® ZIPFLEX 8	27
548670	ISO TP 80M16	37	550370	DPCB 80 X 10	41	553210	BC 40	19	554890	ERIFLEX ZIPFLEX 15	27
548680	ISO TP 100M12	37	550380	DPCB 100 X 10	41	553220	BC 50	19	554900	ERIFLEX ZIPFLEX 20	27
548690	ISO TP 100M16	37	550390	DPCB 120 X 10	41	553230	BC 63	19	554910	ERIFLEX ZIPFLEX 25	27
548700	ISO TP 25M5	37	550400	DPCB 25 X 5	41	553250	BC 80	19	<b>556.....</b>		
<b>549.....</b>			550410	DPCB 50 X 5	41	553260	BC 100	19	556000	ERIFLEX® SPIRFLEX I 6	28
549000	TCBS 15 X 5	40	550420	DPCB 63 X 5	41	553370	RFS 40-63	18	556010	ERIFLEX SPIRFLEX I 12	28
549010	TCB 20 X 5	40	550430	DPCB 80 X 5	41	553380	RFS 80-100	18	556020	ERIFLEX SPIRFLEX I 16	28
549020	TCB 30 X 5	40	550440	DPCB 100 X 5	41	553400	FBC 5X6	43	556030	ERIFLEX SPIRFLEX I 22	28
549030	TCBW 32X5X2000	40	550450	DPCB 125 X 5	41	553405	FBC 5X4	43	556100	ERIFLEX SPIRFLEX X 6	28
549200	TCB 18X4X1000	40	550600	PCB 4 m 20 X 5	41	553410	FBC 5X9	43	556110	ERIFLEX SPIRFLEX X 12	28
549210	TCB 25X4X1000	40	550610	PCB 4 m 25 X 5	41	553430	FBC 10X6	43	556200	FGBS 4	27
549220	TCB 12 X 5	40	550620	PCB 4 m 30 X 5	41	553440	FBC 10X9	43	556210	FGBS 8	27
549230	TCB 12X2X1000	40	550630	PCB 4 m 40 X 5	41	553450	CLIP M6-4	43	556220	FGBS 10	27
549260	CABS 4/5 TN 600	48	550640	PCB 4 m 50 X 5	41	553460	EC 162-4	43	556230	FGBS 12	27
549270	CABS 2/10 TN 600	48	550650	PCB 4 m 60 X 5	41	553470	EC 35	43	556240	FGBS 15	27
549300	CABS APP	48	550660	PCB 4 m 80 X 5	41	553480	EC 16-5	43	556250	FGBS 20	27
549310	CABS 4/5 TN 400	48	550670	PCB 4 m 100 X 5	41	553490	CLIP M6-5	43	556600	MBJ 6-150-6	24
549320	CABS 2/10 TN 400	48	550680	PCB 4 m 125 X 5	41	553505	FBC 10X4	43	556610	MBJ 10-300-6	24
549340	CABS 4/5 TN MOD	48	550770	PCB 12 X 5 X 2000	41	553510	FBC 5X15.5	43	556620	MBJ 16-100-8	24
549350	CABS 2/10 TN MOD	48	550780	PCB 12 X 4 X 1000	41	553520	FBC 5X20	43	556630	MBJ 16-150-8	24
549360	CABS 3/10 TN MOD	48	550790	PCB 12 X 4 X 2000	41	553530	FBC 10X15.5	43	556640	MBJ 16-200-8	24
549370	CABS 4/5 T MOD	48	550900	PCB 4 m 50 X 10	41	553540	FBC 10X20	43	556650	MBJ 16-250-8	24
549380	CABS 2/10 T MOD	48	550910	PCB 4 m 60 X 10	41	553550	FS 24	18	556660	MBJ 16-300-8	24
549390	CABS 3/10 T MOD	48	550920	PCB 4 m 80 X 10	41	553560	FS 32	18	556670	MBJ 25-100-10	24
549400	CABS T SET	48	550930	PCB 4 m 100 X 10	41	553570	FS 40-63	18	556680	MBJ 25-150-10	24
549410	CABS E	48	550940	PCB 4 m 120 X 10	41	553580	FS 80-100	18	556690	MBJ 25-200-10	24
549420	CABS M	48	550950	PCB 4 m 160 X 10	41	553590	UFS Kit	18	556700	MBJ 25-250-10	24
549430	ADD. Kit CABS Fixing	48	550960	PCB 4 m 200 X 10	41	<b>554.....</b>			556710	MBJ 25-300-10	24
549450	CABS Bracket TH Kit	48	550970	PCB 4 m 30 X 10	41	554000	SBS 4	27	556720	MBJ 30-100-10	24
549460	CABS Bracket BT	48	550980	PCB 4 m 40 X 10	41	554010	SBS 6	27	556730	MBJ 30-150-10	24
549470	CABS Bracket SV	48	<b>551.....</b>			554020	SBS 8	27	556740	MBJ 30-200-10	24
549480	CABS Bracket RV	48	551000	UBS 1/5 TN	50	554030	SBS 10	27	556750	MBJ 30-250-10	24
549490	CABS Bracket PS	48	551010	UBS 4/5 TN	50	554040	SBS 12	27	556760	MBJ 30-300-10	24
549600	PCB 2 m 25 X 5	41	551020	UBS 4/5 T	50	554050	SBS 15	27	556770	MBJ 35-100-10	24
549610	PCB 2 m 50 X 5	41	551060	UBS 1/10 TN	50	554060	SBS 20	27	556780	MBJ 35-150-10	24
549620	PCB 2 m 63 X 5	41	551070	UBS 2/10 TN	51	554070	SBS 25	27	556790	MBJ 35-200-10	24
549630	PCB 2 m 80 X 5	41	551080	UBS 2/10 T	51	554080	SBS 30	27	556800	MBJ 35-250-10	24
549640	PCB 2 m 100 X 5	41	551090	UBS 3/10 TN	51	554430	PDBS 5G	28	556810	MBJ 35-300-10	24
549650	PCB 2 m 125 X 5	41	551151	CBS-B 2/5 TN	46	554450	PDBS 8G	28	556820	MBJ 50-100-10	24
549700	PCB 2 m 30 X 10	41	551181	CBS-B 1/10 TN	46	554460	PDBS 10G	28	556830	MBJ 50-150-10	24
549710	PCB 2 m 40 X 10	41	551190	FBSS 32 x 5	44	554470	PDBS 12G	28	556840	MBJ 50-200-10	24
549720	PCB 2 m 50 X 10	41	551350	FBS 400A	44	554490	PDBS 16G	28	556850	MBJ 50-250-10	24
549730	PCB 2 m 60 X 10	41	<b>552.....</b>			554510	PDBS 20G	28	556860	MBJ 50-300-10	24
549740	PCB 2 m 80 X 10	41	552050	RCBS 1/6 TN	46	554530	PDBS 30G	28	556900	BJ 6-150 S	24
549750	PCB 2 m 100 X 10	41	552070	RCBS 1/10 TN	46	554550	PDBS 40G	28	556910	BJ 6-200 S	24

# Cross Reference List

Part No.	Description	page	Part No.	Description	page	Part No.	Description	page	Part No.	Description	page
556920	BJ 10-300 S	24	557630	RTCB 15-16	26	559120	Set of blades for MFC	63	561404	CONTACT KIT 1/2 - 13 x 1-1/4"	19
556930	MBJ 10-200-6	24	557640	RTCB 15-25	26	559140	DRCK	66	561405	CONTACT KIT 1/2 - 13 x 1-1/2"	19
556940	MBJ 16-500-8	24	557650	RTCB 15-30	26	559150	Bending Tool - MFB	64	561406	CONTACT KIT 1/2 - 13 x 2"	19
556950	MBJ 25-500-10	24	557660	RTCB 15-50	26	559160	Twisting Tool - MFT	64	561500	UBS 1/10 TN 160	50
556960	MBJ 30-500-10	24	557670	RTCB 15-75	26	559170	Shearing Tool	63	561510	UBS 1/10 TN 200	50
556970	MBJ 35-500-10	24	557680	RTCB 15-100	26	559190	Manual Bending Tool - MCBB	65	561520	UBS 2/10 T 160	51
556980	MBJ 50-500-10	24	557700	DR 5.5 2M	38	559600	ISO 1", 1/4-20	36	561530	UBS 2/10 T 200	51
<b>557.....</b>			557750	PDR 5.5 2M	38	559610	ISO 1", 5/16-18	36	561540	UBS 3/10 TN 160	51
557000	FRCB 15-3	25	557800	DR 7 2M	38	559620	ISO 1-1/4", 1/4-20	36	561550	UBS 3/10 TN 200	51
557010	FRCB 15-5	25	557850	PDR 7 2M	38	559640	ISO 1-1/4", 3/8-16	36	561870	UBS 2/10 TN 160	51
557020	FRCB 15-8	25	557855	PDR 7 2M	38	559650	ISO 1-3/8", 3/8-16	36	561880	UBS 2/10 TN 200	51
557030	FRCB 15-10	25	557900	DR 15 2M	38	559660	ISO 1-1/2", 3/8-16	36	<b>562.....</b>		
557040	FRCB 15-16	25	557950	PDR 15 2M	38	559662	ISO 1-1/2", 1/4-20	36	562100	KIT EC 450	43
557050	FRCB 15-20	25	557955	PDR 15 2M	38	559663	ISO 1-1/2", 5/16-18	36	562700	UCFBS 60 T	44
557060	FRCB 15-25	25	<b>558.....</b>			559670	ISO 1-3/4", 3/8-16	36	562710	UCOV 60 T	44
557070	FRCB 15-30	25	558000	DRG 2M	38	559671	ISO 1-3/4", 5/16-18	36	562750	UCFBS 60 TN	44
557080	FRCB 15-35	25	558050	PDRG 2M	38	559680	ISO 2", 3/8-16	36	562760	UCOV 60 TN	44
557090	FRCB 15-40	25	558240	IBS 25-230-8-10	22	559681	ISO 2", 1/2-13	36	562800	CFBS 100T	44
557100	FRCB 15-50	25	558241	IBS 25-330-8-10	22	559682	ISO 2", 5/16-18	36	562810	COV 100T	44
557110	FRCB 15-60	25	558242	IBS 25-430-8-10	22	559683	ISO 2-1/8", 3/8-16	36	562820	CLIP 100 30 x 10	44
557120	FRCB 15-70	25	558243	IBS 25-530-8-10	22	559684	ISO 2-1/8", 1/2-13	36	562830	CLIP 100 40 x 10	44
557130	FRCB 15-75	25	558244	IBS 25-630-8-10	22	559685	ISO 2-1/8", 5/8-11	36	562840	CLIP 100 50 x 10	44
557140	FRCB 15-95	25	558260	IBS 50-230-10	22	559686	ISO 2-1/4", 1/2-13	36	<b>563.....</b>		
557150	FRCB 15-100	25	558261	IBS 50-330-10	22	559687	ISO 2-1/4", 3/8-16	36	563200	TD 160A	35
557160	FSSB 25-16	25	558262	IBS 50-430-10	22	559688	ISO 2-1/2", 1/2-13	36	563201	NB 160 A	34
557170	FSSB 25-25	25	558263	IBS 50-530-10	22	559689	ISO 2-1/2", 3/8-16	36	563300	MBJ 16-200-6	24
557180	PB 16	66	558264	IBS 50-630-10	22	559690	ISO 2-5/8", 5/8-11	36	563320	MBJ 16-300-6	24
557190	PB 25	66	558270	IBS 120-330-10	22	559691	ISO 2-3/4", 1/2-13	36	563340	MBJ 25-200-6	24
557200	FTCB 15-3	25	558271	IBS 120-430-10	22	559692	ISO 2-3/4", 3/8-16	36	563350	MBJ 50-200-6	24
557210	FTCB 15-5	25	558272	IBS 120-530-10	22	559693	ISO 3", 1/2-13	36	563360	MBJ 50-200-16	24
557220	FTCB 15-8	25	558273	IBS 120-630-10	22	559694	ISO 3", 3/8-16	36	563370	MBJ 50-200-18	24
557230	FTCB 15-10	25	558274	IBS 120-830-10	22	559695	ISO 3-1/4", 1/2-13	36	563380	MBJ 50-300-6	24
557240	FTCB 15-16	25	558280	IBS 240-330-12	22	559696	ISO 3-1/4", 3/8-16	36	563390	MBJ 50-300-16	24
557250	FTCB 15-20	25	558281	IBS 240-430-12	22	559697	ISO 3-1/2", 5/8-11	36	563400	MBJ 50-300-18	24
557260	FTCB 15-25	25	558282	IBS 240-530-12	22	559698	ISO 3-1/2", 3/8-16	36	563410	MBJ 6-200-6	24
557270	FTCB 15-30	25	558283	IBS 240-630-12	22	<b>560.....</b>			563420	MBJ 70-300-12	24
557280	FTCB 15-35	25	558284	IBS 240-830-12	22	560860	ABS 1/5	52	563430	MBJ 25-200-12	24
557290	FTCB 15-40	25	558290	IBS 185-330-10	22	560870	ABS 4/5	52	563440	MBJ 50-200-12	24
557300	FTCB 15-50	25	558291	IBS 185-430-10	22	560880	ABS 1/10	52	563450	MBJ 70-300-6	24
557310	FTCB 15-60	25	558292	IBS 185-530-10	22	560890	ABS 2/10	52	563460	MBJ 70-300-10	24
557320	FTCB 15-70	25	558293	IBS 185-630-10	22	560900	ABS 3/10	52	563470	MBJ 70-300-16	24
557330	FTCB 15-75	25	558294	IBS 185-830-10	22	560910	ABS 160 x 10	52	563480	MBJ 70-300-22	24
557340	FTCB 15-95	25	558600	ERIFLEX® FLEXIDRILL	64	560920	ABS 200 x 10	52	563490	MBJ 70-500-10	24
557350	FTCB 15-100	25	558601	ERIFLEX FLEXIDRILL Imperial	64	560930	ABS AP25	52	563500	MBJ 100-250-16	24
557380	PB50	66	558610	BD 16 - 6,5	66	560940	ABS AP	52	563510	MBJ 100-250-30	24
557390	FSSB 25-50	25	558620	BD 25 - 11	66	560950	ABS APS	52	563520	MBJ 100-500-16	24
557400	RRCB 15-6	26	558630	BD 50 - 12,5	66	560960	ABS-EA	52	563530	MBJ 100-500-30	24
557410	RRCB 15-8	26	558640	BD 16 - 8,5	66	<b>561.....</b>			563540	MBJ 16-100-6	24
557420	RRCB 15-10	26	558900	Workbench - FT Kit	63	561130	SB 125	32	563550	MBJ 16-150-6	24
557430	RRCB 15-16	26	558990	Tool ruler HFST-R	61, 62	561131	SB 250	32	563560	MBJ 50-500-12	24
557440	RRCB 15-25	26	<b>559.....</b>			561132	SBLL 250	33	563720	BD 40 A	34
557450	RRCB 15-30	26	559010	Hydraulic shearing tool HFST	62	561134	SBLL 500	33	563740	TD 40 A	34
557460	RRCB 15-50	26	559020	Tool Guide HFST-B	62	561136	SBLL 800	33	563800	BD 100/125 A	35
557470	RRCB 15-75	26	559040	Tool blades HFST-C	62	561138	SBLEC	33	563810	BD 100/125 AL	35
557480	RRCB 15-100	26	559050	Stripping knife - SOK	65	561400	CONTACT KIT 1/4 - 20 x 5/8"	19	563820	TD 100/125 A	35
557600	RTCB 15-6	26	559060	Spare blade for SOK	65	561401	CONTACT KIT 5/16 - 18 x 1-1/4"	19	563830	TD 100/125 AL	35
557610	RTCB 15-8	26	559100	Stripping Tool - MFS	65	561402	CONTACT KIT 7/16 - 14 x 1-1/4"	19	563840	TD 100/125 ALL	35
557620	RTCB 15-10	26	559110	Set of blades for MFS	65	561403	CONTACT KIT 7/16 - 14 x 2"	19	563841	NB 125 A	34



# Cross Reference List

Part No.	Description	page	Part No.	Description	page	Part No.	Description	page	Part No.	Description	page
563900	BD 80/100 A	34		2M 10X40X1							
563910	BD 80/100 AL	34	566780	ERIFLEX FLEXIBAR SUMMUM	16						
563920	TD 80/100 A	34		2M 5X50X1							
563930	TD 80/100 AL	34	566800	ERIFLEX FLEXIBAR SUMMUM	16						
563940	TD 80/100 ALL	34		2M 8X50X1							
563990	TD 160 AL	35	566810	ERIFLEX FLEXIBAR SUMMUM	16						
<b>564.....</b>				2M 10X50X1							
564000	PBC 100 X 250	20	566870	ERIFLEX FLEXIBAR SUMMUM	16						
564010	PBC 120 X 250	20		2M 10X63X1							
564030	PBC 1200 X 500	20	<b>568.....</b>								
564050	PBC 100 X 500	20	568610	EB 12	43						
564100	PBC 150 X 250	20	568620	EB 36	43						
564150	PBC 150 X 500	20	568630	EB 168	43						
564200	PBC 200 X 250	20	568660	EARTH BAR EB 44	42						
564250	PBC 200 X 500	20	568661	EARTH BAR EB 60	42						
564300	PBC 250 X 300	20	568662	EARTH BAR EB 20	42						
564400	PBC 300 X 400	20	568665	EBB KDR KIT DIN RAIL	42						
564500	PBC 400 X 400	20	568666	EBB KP KIT PLATE	42						
564600	PBC 500 X 400	20	568700	FC 100 x 32	19						
564700	PBC 600 X 450	20	568730	FC 120 x 32	19						
564800	PBC 800 X 450	20	<b>569.....</b>								
564900	PBC 1000 X 450	20	569010	UD 80 A	30						
<b>565.....</b>			569020	UDJ 125 A	30						
565000	MBJ 35-250-25	24	569030	UDJ 160 A	30						
<b>566.....</b>			569040	UD 250 A	31						
566490	ERIFLEX® FLEXIBAR SUMMUM 2M 2X20X1	16	569050	UD 400 A	31						
566500	ERIFLEX FLEXIBAR SUMMUM 2M 3X20X1	16	569150	FSJ	30						
566510	ERIFLEX FLEXIBAR SUMMUM 2M 4X20X1	16	569160	FLG 250 A	31, 32						
566520	ERIFLEX FLEXIBAR SUMMUM 2M 5X20X1	16	569170	FLG 400	31						
566550	ERIFLEX FLEXIBAR SUMMUM 2M 2X24X1	16									
566560	ERIFLEX FLEXIBAR SUMMUM 2M 3X24X1	16									
566570	ERIFLEX FLEXIBAR SUMMUM 2M 4X24X1	16									
566580	ERIFLEX FLEXIBAR SUMMUM 2M 5X24X1	16									
566590	ERIFLEX FLEXIBAR SUMMUM 2M 6X24X1	16									
566630	ERIFLEX FLEXIBAR SUMMUM 2M 3X32X1	16									
566640	ERIFLEX FLEXIBAR SUMMUM 2M 4X32X1	16									
566650	ERIFLEX FLEXIBAR SUMMUM 2M 5X32X1	16									
566660	ERIFLEX FLEXIBAR SUMMUM 2M 6X32X1	16									
566670	ERIFLEX FLEXIBAR SUMMUM 2M 8X32X1	16									
566720	ERIFLEX FLEXIBAR SUMMUM 2M 5X40X1	16									
566730	ERIFLEX FLEXIBAR SUMMUM 2M 6X40X1	16									
566750	ERIFLEX FLEXIBAR SUMMUM	16									

## The Best Flexible Wire Replacement with ERIFLEX® FLEXIBAR STANDARD and ERIFLEX® FLEXIBAR SUMMUM

ERIFLEX FLEXIBAR connections are made by punching directly through the laminates. No lugs to purchase, installation is simpler and faster and faulty connection problems are eliminated.

ERIFLEX FLEXIBAR is formed with multiple layers of thin electrolytic copper, available in plain or tinplated

The insulation is a high resistance, self-extinguishing PVC or silicone compound

Easily formed, ERIFLEX FLEXIBAR improves assembly flexibility and aesthetics of panels.

Designation Part number

Traceability code

### The Highest Flexibility

ERICO's exclusive manufacturing process offers the best flexibility:

- copper laminates are free to slide within the insulation
- high insulation quality

Virtually unlimited bending and twisting possibilities.

Consistent insulation thickness over the whole surface.

### The Widest Versatile Application

- can be used under EXTREME conditions
- self extinguishable
- high mechanical resistance
- high elongation value
- halogen free insulation - with ERIFLEX FLEXIBAR SUMMUM
- low smoke
- high current withstanding
- high copper quality 99.9% purity
- high conductivity

### Applications

All types of connections on low voltage industrial power distribution and control.

- alternative to large and multiple cables
- alternative to rigid busbar
- connections between main power and distribution equipment (contactors, circuit-breakers, switches...)
- connections between a transformer and a bus-duct
- connections between a bus-duct and an electrical cabinet
- expansion joints



NEW: HALOGEN FREE ERIFLEX® FLEXIBAR SUMMUM - SEE PAGE 16

## ERIFLEX® FLEXIBAR Advantages

### SPACE/WEIGHT SAVINGS

- Requires less installation space when compared to cable
- Reduces the length and number of conductors
- Insulation allows for closer spacing than traditional busbar designs.

### TIME SAVINGS

- Eliminates cost and installation of lugs
- Reduces inventory costs

### IMPROVES RELIABILITY

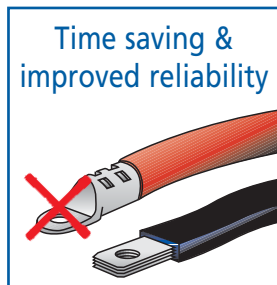
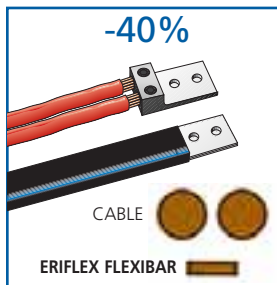
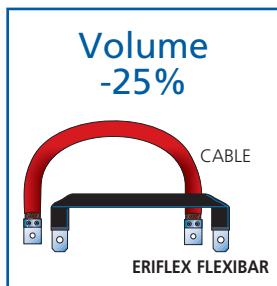
- Connection is made directly to ERIFLEX FLEXIBAR thus eliminating the cable lug connection

### AESTHETICS

- Improves design flexibility and panel access

### EASE OF INSTALLATION

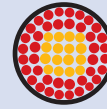
- Installation is facilitated through the ease of bending and shaping even large sizes



### ERIFLEX® FLEXIBAR A.C. Applications Only

#### COPPER CABLE

#### ERIFLEX FLEXIBAR

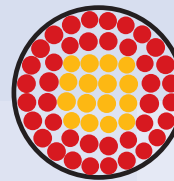


→ OR →



**150 AMPS**  
1/0  
53.5 sq. mm  
(.373 in.)

**158 AMPS**  
3 x 9 x 0.8 mm  
21.6 sq. mm  
**60% smaller**



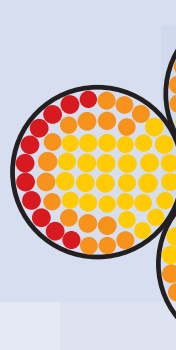
→ OR →



**380 AMPS**  
500MCM  
253 sq. mm  
(.813 in.)

**379 AMPS**  
3 x 24 x 1 mm  
72 sq. mm  
**71% smaller**

■ = Conductor  
■ = Reduced Conductivity  
■ = Insulation



→ OR →



**1140 AMPS**  
(3) 500MCM  
759 sq. mm  
(.813 in.)

**1211 AMPS**  
4 x 80 x 1 mm  
320 sq. mm  
**58% smaller**

Representative to scale.

ERIFLEX FLEXIBAR ampacity and cable ampacity are based on (NEC Table 310-16, 75° column) conductor temperature rise of 45°C.

# How to Achieve a Good Electrical Connection

## What Size is Your Landing Point?

- ERIFLEX® FLEXIBAR is available from 9 mm (0.35") wide up to 100 mm (4") wide



1" Contractor Pad



4" Bus Bar

## What is Maximum Ampacity the Conductor Will See?

- A single piece of ERIFLEX FLEXIBAR can carry from 150 Amps up to 2800\* Amps
- Ampacity can be increased by placing ERIFLEX FLEXIBAR in parallel

**SEE COEFFICIENT PAGE 12-13**

## What is Maximum Ambient Temperature?

- Maximum device operating temperature - max ambient temperature = max temp. rise of ERIFLEX FLEXIBAR

## What Are You Connecting?

### Passive Element

- Bus Bar
- Transformer

### Active Element

- Circuit Breaker
- Contractor



## OVERLAP (recommended for punched bars)

Part No. Length 3 m	DESCRIPTION	OVERLAP INCHES	BOLT	
			Number	Size
505501	ERIFLEX® FLEXIBAR 3MTC 2X20X1	1	1	1/4-20
505502	ERIFLEX FLEXIBAR 3MTC 3X20X1	1	1	1/4-20
505503	ERIFLEX FLEXIBAR 3MTC 4X20X1	1	1	5/16-16
505504	ERIFLEX FLEXIBAR 3MTC 5X20X1	1	1	5/16-16
505505	ERIFLEX FLEXIBAR 3MTC 6X20X1	1.2	1	7/16-14
505506	ERIFLEX FLEXIBAR 3MTC 2X24X1	1	1	5/16-16
505507	ERIFLEX FLEXIBAR 3MTC 3X24X1	1	1	5/16-16
505508	ERIFLEX FLEXIBAR 3MTC 4X24X1	1	1	5/16-16
505509	ERIFLEX FLEXIBAR 3MTC 5X24X1	1	1	7/16-14
505510	ERIFLEX FLEXIBAR 3MTC 6X24X1	1.2	1	7/16-14
505511	ERIFLEX FLEXIBAR 3MTC 8X24X1	1.6	1	1/2-13
505512	ERIFLEX FLEXIBAR 3MTC 10X24X1	2	2	7/16-14
505513	ERIFLEX FLEXIBAR 3MTC 2X32X1	1	1	7/16-14
505514	ERIFLEX FLEXIBAR 3MTC 3X32X1	1	1	7/16-14
505515	ERIFLEX FLEXIBAR 3MTC 4X32X1	1	1	7/16-14
505516	ERIFLEX FLEXIBAR 3MTC 5X32X1	1	1	7/16-14
505517	ERIFLEX FLEXIBAR 3MTC 6X32X1	1.2	1	1/2-13
505518	ERIFLEX FLEXIBAR 3MTC 8X32X1	1.6	1	1/2-13
505519	ERIFLEX FLEXIBAR 3MTC 10X32X1	2	2	7/16-14
505520	ERIFLEX FLEXIBAR 3MTC 2X40X1	0.8	2	5/16-16
505521	ERIFLEX FLEXIBAR 3MTC 3X40X1	1	1	1/2-13
505522	ERIFLEX FLEXIBAR 3MTC 4X40X1	1	1	1/2-13
505523	ERIFLEX FLEXIBAR 3MTC 5X40X1	1.2	1	1/2-13
505524	ERIFLEX FLEXIBAR 3MTC 6X40X1	1.2	1	1/2-13
505525	ERIFLEX FLEXIBAR 3MTC 8X40X1	1.6	2	7/16-14
505526	ERIFLEX FLEXIBAR 3MTC 10X40X1	2	2	1/2-13
505551	ERIFLEX FLEXIBAR 3MTC 6X45X1	1.2	1	1/2-13
505552	ERIFLEX FLEXIBAR 3MTC 8X45X1	1.6	2	7/16-14
505527	ERIFLEX FLEXIBAR 3MTC 3X50X1	1	2	5/16-16
505528	ERIFLEX FLEXIBAR 3MTC 4X50X1	1	2	5/16-16
505529	ERIFLEX FLEXIBAR 3MTC 5X50X1	1	2	7/16-14
505530	ERIFLEX FLEXIBAR 3MTC 6X50X1	1.2	2	7/16-14
505531	ERIFLEX FLEXIBAR 3MTC 8X50X1	1.6	2	1/2-13
505532	ERIFLEX FLEXIBAR 3MTC 10X50X1	2	2	1/2-13
505533	ERIFLEX FLEXIBAR 3MTC 3X63X1	1	2	7/16-14
505534	ERIFLEX FLEXIBAR 3MTC 4X63X1	1	2	7/16-14
505535	ERIFLEX FLEXIBAR 3MTC 5X63X1	1	2	7/16-14
505536	ERIFLEX FLEXIBAR 3MTC 6X63X1	1.2	2	1/2-13
505537	ERIFLEX FLEXIBAR 3MTC 8X63X1	1.6	2	1/2-13
505538	ERIFLEX FLEXIBAR 3MTC 10X63X1	2	3	1/2-13
505539	ERIFLEX FLEXIBAR 3MTC 3X80X1	1	3	5/16-16
505540	ERIFLEX FLEXIBAR 3MTC 4X80X1	1	3	5/16-16
505541	ERIFLEX FLEXIBAR 3MTC 5X80X1	1	3	7/16-14
505542	ERIFLEX FLEXIBAR 3MTC 6X80X1	1.2	3	7/16-14
505543	ERIFLEX FLEXIBAR 3MTC 8X80X1	1.6	3	1/2-13
505544	ERIFLEX FLEXIBAR 3MTC 10X80X1	2	3	1/2-13
505547	ERIFLEX FLEXIBAR 3MTC 6X100X1	1.2	4	7/16-14
505548	ERIFLEX FLEXIBAR 3MTC 8X100X1	1.6	4	1/2-13
505549	ERIFLEX FLEXIBAR 3MTC 10X100X1	2	4	1/2-13
505550	ERIFLEX FLEXIBAR 3MTC 12X100X1	2.4	5	1/2-13

\* at 60° C

# How to Achieve a Good Electrical Connection

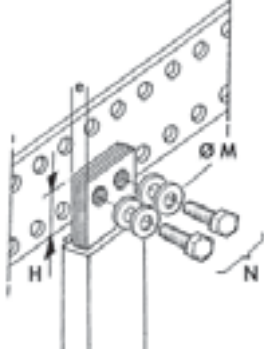
## THE QUALITY OF AN ELECTRICAL CONTACT IS DETERMINED BY:

### 1. CONTACT SURFACE CONDITIONS

The surface has to be flat but not polished. Another important point: cleaning the surfaces before connection. They must be oxide and grease free.

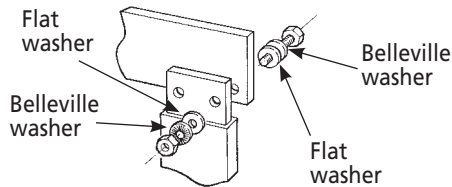
### 2. CONTACT SURFACE(S) - OVERLAP

The overlap (H) should be not less than 5 times the thickness (e) of the thinnest of the conductors.



### 3. CLAMPING TORQUE CALCULATION

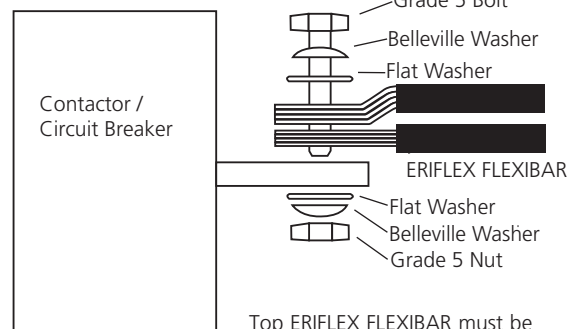
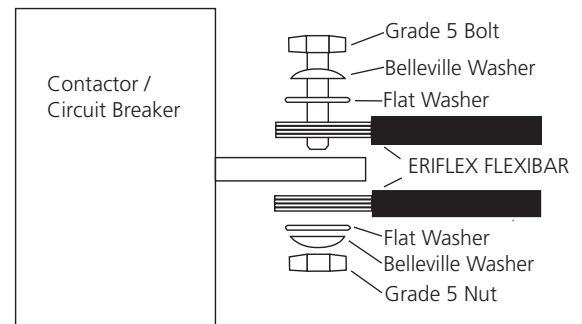
With a class coated bichromated bolt (SAE Grade 5), using "Belleville and Flat" washers tightened with a torque wrench, without lubrication.



Bolt size	1/4"-20	5/16"-18	3/8"-16	7/16"-14	1/2"-13	9/16"-12	5/8"-11
Torque (foot-pounds)	9	18	31	50	75	110	150
<b>Alt - Metric</b>							
Bolt size	M6	M8		M10	M12	M14	M16
Torque (newton-meters)	13	30		60	110	174	274

- SAE Grade 5 hardware can be used except where otherwise designated by the designer of the pieces installed
- Belleville and Flat washers to provide resistance to vibration
- Slotted holes are acceptable in applications where additional forming is anticipated during installation

## TWO WAYS TO CONNECT IN PARALLEL:



Top ERIFLEX FLEXIBAR must be stripped and bent to insure good contact area

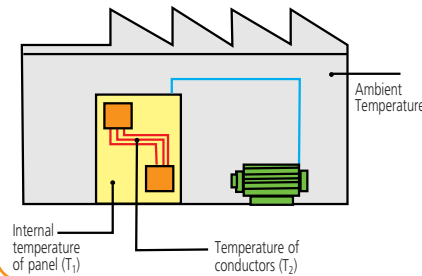
Install with Grade 5 or better hardware and torque

# ERIFLEX® FLEXIBAR Selection



- Electrolytic copper conductor
- High resistance vinyl compound insulation:
  - Elongation: 370%
  - Max. working temperature: 105°C
  - Min. working temperature: -25°C
  - Thickness: 2 mm ± 0.2
  - Self-extinguishing: UL 94 VO
  - Dielectric strength: 20kV/mm

## SELECTION OF ERIFLEX® FLEXIBAR ACCORDING TO THE INTERNAL TEMPERATURE OF THE PANEL



$$\text{Temperature rise of conductor} = T_2 - T_1 = \Delta T (^{\circ}\text{C})$$

Ex.: For a current of 650A, with

$$T_1 = 45^{\circ}\text{C} - T_2 = 90^{\circ}\text{C}$$

$$\Delta T = 90 - 45 = 45^{\circ}\text{K}$$

• In the 45°C column, find the closest current value to 650A.  
ERIFLEX FLEXIBAR 8 x 24 x 1 - 505511 - 192 mm<sup>2</sup> - 663 Amps

• Select ERIFLEX FLEXIBAR according to the terminal width of the equipment being connected.

### < 400 Amps @ Delta T = 45 C

Part Number	Length	Composition			UL-rated Ampacity Temp. Rise of			Description	Current Coefficient	
		N	A mm	B mm	30°C	45°C	60°C		2 in Parallel	3 in Parallel
505051	2	3	9	0.8	126	158	185	ERIFLEX FLEXIBAR 2MTC 3 x 9 x 0.8	1.72	2.25
505053	2	3	13	0.5	128	160	187	ERIFLEX FLEXIBAR 2MTC 3 x 13 x 0.5	1.72	2.25
505059	2	2	15.5	0.8	152	190	222	ERIFLEX FLEXIBAR 2MTC 2 x 15.5 x 0.8	1.72	2.25
505054	2	6	13	0.5	188	235	275	ERIFLEX FLEXIBAR 2MTC 6 x 13 x 0.5	1.72	2.25
505052	2	6	9	0.8	192	241	281	ERIFLEX FLEXIBAR 2MTC 6 x 9 x 0.8	1.72	2.25
505501	3	2	20	1	211	263	307	ERIFLEX FLEXIBAR 3MTC 2 x 20 x 1	1.72	2.25
505055	2	4	15.5	0.8	223	279	326	ERIFLEX FLEXIBAR 2MTC 4 x 15.5 x 0.8	1.72	2.25
505506	3	2	24	1	244	305	357	ERIFLEX FLEXIBAR 3MTC 2 x 24 x 1	1.72	2.25
505502	3	3	20	1	263	328	383	ERIFLEX FLEXIBAR 3MTC 3 x 20 x 1	1.72	2.25
505056	2	6	15.5	0.8	282	353	412	ERIFLEX FLEXIBAR 2MTC 6 x 15.5 x 0.8	1.72	2.25
505507	3	3	24	1	304	379	443	ERIFLEX FLEXIBAR 3MTC 3 x 24 x 1	1.72	2.25
505503	3	4	20	1	308	385	450	ERIFLEX FLEXIBAR 3MTC 4 x 20 x 1	1.72	2.25
505513	3	2	32	1	311	388	454	ERIFLEX FLEXIBAR 3MTC 2 x 32 x 1	1.72	2.25

### 400 < Ampacity < 800 A @ Delta T = 45 C

Part Number	Length	Composition			UL-rated Ampacity Temp. Rise of			Description	Current Coefficient	
		N	A mm	B mm	30°C	45°C	60°C		2 in Parallel	3 in Parallel
505504	3	5	20	1	351	438	512	ERIFLEX FLEXIBAR 3MTC 5 x 20 x 1	1.72	2.25
505508	3	4	24	1	356	445	520	ERIFLEX FLEXIBAR 3MTC 4 x 24 x 1	1.72	2.25
505520	3	2	40	1	376	470	549	ERIFLEX FLEXIBAR 3MTC 2 x 40 x 1	1.72	2.25
505514	3	3	32	1	385	481	562	ERIFLEX FLEXIBAR 3MTC 3 x 32 x 1	1.72	2.25
505505	3	6	20	1	390	487	569	ERIFLEX FLEXIBAR 3MTC 6 x 20 x 1	1.72	2.25
505509	3	5	24	1	403	504	589	ERIFLEX FLEXIBAR 3MTC 5 x 24 x 1	1.72	2.25
505510	3	6	24	1	448	559	653	ERIFLEX FLEXIBAR 3MTC 6 x 24 x 1	1.72	2.25
505515	3	4	32	1	449	561	665	ERIFLEX FLEXIBAR 3MTC 4 x 32 x 1	1.72	2.25
505521	3	3	40	1	464	580	677	ERIFLEX FLEXIBAR 3MTC 3 x 40 x 1	1.72	2.25
505516	3	5	32	1	507	633	740	ERIFLEX FLEXIBAR 3MTC 5 x 32 x 1	1.72	2.25
505511	3	8	24	1	531	663	775	ERIFLEX FLEXIBAR 3MTC 8 x 24 x 1	1.72	2.25
505522	3	4	40	1	541	675	789	ERIFLEX FLEXIBAR 3MTC 4 x 40 x 1	1.72	2.25
505517	3	6	32	1	561	701	819	ERIFLEX FLEXIBAR 3MTC 3 x 32 x 1	1.72	2.25
505527	3	3	50	1	562	702	820	ERIFLEX FLEXIBAR 3MTC 3 x 50 x 1	1.72	2.25
505512	3	10	24	1	606	757	885	ERIFLEX FLEXIBAR 3MTC 10 x 24 x 1	1.72	2.25
505523	3	5	40	1	608	759	887	ERIFLEX FLEXIBAR 3MTC 5 x 40 x 1	1.72	2.25

SEE APPROVALS ON PAGE 14

# ERIFLEX® FLEXIBAR Selection

800 < Ampacity < 1200 A @ Delta T = 45 C

Part Number	Length	Composition			UL-rated Ampacity Temp. Rise of			Description	Current Coefficient	
		N	A mm	B mm	30°C	45°C	60°C		2 in Parallel	3 in Parallel
505528	3	4	50	1	651	813	950	ERIFLEX FLEXIBAR 3MTC 4 x 50 x 1	1.72	2.25
505518	3	8	32	1	657	821	959	ERIFLEX FLEXIBAR 3MTC 8 x 32 x 1	1.72	2.25
505524	3	6	40	1	669	835	976	ERIFLEX FLEXIBAR 3MTC 6 x 40 x 1	1.72	2.25
505533	3	3	63	1	687	857	1002	ERIFLEX FLEXIBAR 3MTC 3 x 63 x 1	1.65	2.12
505529	3	5	50	1	730	911	1065	ERIFLEX FLEXIBAR 3MTC 5 x 50 x 1	1.72	2.25
505551	3	6	45	1	736	919	1074	ERIFLEX FLEXIBAR 3MTC 6 x 45 x 1	1.72	2.25
505519	3	10	32	1	745	931	1088	ERIFLEX FLEXIBAR 3MTC 10 x 32 x 1	1.72	2.25
505525	3	8	40	1	786	981	1146	ERIFLEX FLEXIBAR 3MTC 8 x 40 x 1	1.72	2.25
505534	3	4	63	1	792	988	1155	ERIFLEX FLEXIBAR 3MTC 4 x 63 x 1	1.65	2.12
505530	3	6	50	1	802	1002	1171	ERIFLEX FLEXIBAR 3MTC 6 x 50 x 1	1.72	2.25
505539	3	3	80	1	844	1053	1231	ERIFLEX FLEXIBAR 3MTC 3 x 80 x 1	1.65	2.12
505552	3	8	45	1	853	1065	1245	ERIFLEX FLEXIBAR 3MTC 8 x 45 x 1	1.72	2.25
505526	3	10	40	1	879	1097	1282	ERIFLEX FLEXIBAR 3MTC 10 x 40 x 1	1.72	2.25
505535	3	5	63	1	883	1102	1288	ERIFLEX FLEXIBAR 3MTC 5 x 63 x 1	1.65	2.12
505531	3	8	50	1	927	1157	1352	ERIFLEX FLEXIBAR 3MTC 8 x 50 x 1	1.72	2.25

1200 < Ampacity < 1600 A @ Delta T = 45 C

Part Number	Length	Composition			UL-rated Ampacity Temp. Rise of			Description	Current Coefficient	
		N	A mm	B mm	30°C	45°C	60°C		2 in Parallel	3 in Parallel
505536	3	6	63	1	966	1205	1408	ERIFLEX FLEXIBAR 3MTC 6 x 63 x 1	1.65	2.12
505540	3	4	80	1	970	1211	1415	ERIFLEX FLEXIBAR 3MTC 4 x 80 x 1	1.65	2.12
505532	3	10	50	1	1040	1298	1517	ERIFLEX FLEXIBAR 3MTC 10 x 50 x 1	1.72	2.25
505541	3	5	80	1	1077	1344	1570	ERIFLEX FLEXIBAR 3MTC 5 x 80 x 1	1.65	2.12
505537	3	8	63	1	1108	1383	1616	ERIFLEX FLEXIBAR 3MTC 8 x 63 x 1	1.65	2.12
505045	2	4	100	1	1172	1462	1708	ERIFLEX FLEXIBAR 2MTC 4 x 100 x 1	1.60	2.02
505542	3	6	80	1	1172	1463	1709	ERIFLEX FLEXIBAR 3MTC 6 x 80 x 1	1.65	2.12
505538	3	10	63	1	1232	1538	1797	ERIFLEX FLEXIBAR 3MTC 10 x 63 x 1	1.65	2.12

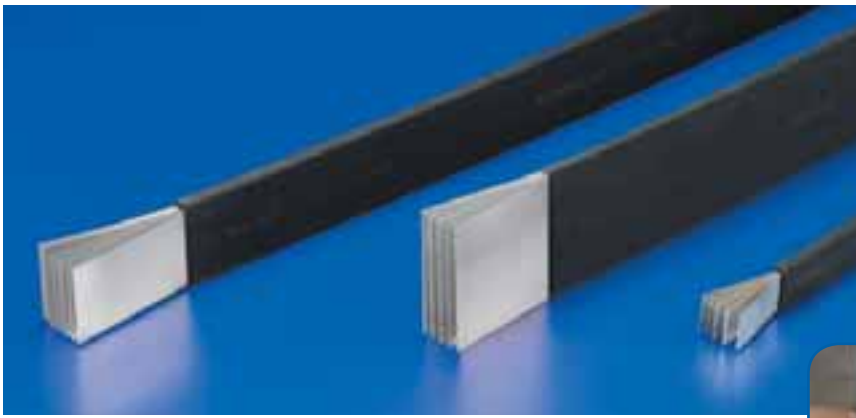
1600 < Ampacity < 2000 A @ Delta T = 45 C

Part Number	Length	Composition			UL-rated Ampacity Temp. Rise of			Description	Current Coefficient	
		N	A mm	B mm	30°C	45°C	60°C		2 in Parallel	3 in Parallel
505046	2	5	100	1	1301	1624	1898	ERIFLEX FLEXIBAR 2MTC 5 x 100 x 1	1.60	2.02
505543	3	8	80	1	1341	1674	1956	ERIFLEX FLEXIBAR 3MTC 8 x 80 x 1	1.65	2.12
505547	3	6	100	1	1414	1765	2062	ERIFLEX FLEXIBAR 3MTC 6 x 100 x 1	1.60	2.02
505544	3	10	80	1	1484	1851	2164	ERIFLEX FLEXIBAR 3MTC 10 x 80 x 1	1.65	2.12

2000 < Ampacity @ Delta T = 45 C

Part Number	Length	Composition			UL-rated Ampacity Temp. Rise of			Description	Current Coefficient	
		N	A mm	B mm	30°C	45°C	60°C		2 in Parallel	3 in Parallel
505548	3	8	100	1	1598	1994	2330	ERIFLEX FLEXIBAR 3MTC 8 x 100 x 1	1.60	2.02
505549	3	10	100	1	1765	2203	2574	ERIFLEX FLEXIBAR 3MTC 10 x 100 x 1	1.60	2.02
505550	3	12	100	1	1920	2396	2800	ERIFLEX FLEXIBAR 3MTC 12 x 100 x 1	1.60	2.02

# ERIFLEX® FLEXIBAR By Part Number



- Reliable
- Time saving
- Aesthetically pleasing
- Offering space and weight savings



## WHAT IS THE VOLTAGE RATING FOR ERIFLEX® FLEXIBAR?

- Maximum Continuous Voltage: 1000 VAC and 1500 VDC.
- ERIFLEX® FLEXIBAR is UL® recognized for 600 VAC/DC maximum. E125470 / UL67 and E316390 / UL758.
- ERIFLEX® FLEXIBAR is CSA® certified for a maximum of 1000 VAC. LL9000S
- ERIFLEX® FLEXIBAR is ABS approved for 1000 VAC and 1500 VDC. Certificate: 08-HS365878-DUP

## ERIFLEX® FLEXIBAR 2 M TINNED COPPER

- Length 2 meters

Part No. Length 2 m	DESCRIPTION	
505051	ERIFLEX FLEXIBAR 2MTC 3X9X0.8	0.95
505052	ERIFLEX FLEXIBAR 2MTC 6X9X0.8	1.79
505053	ERIFLEX FLEXIBAR 2MTC 3X13X0.5	1.00
505054	ERIFLEX FLEXIBAR 2MTC 6X13X0.5	1.74
505055	ERIFLEX FLEXIBAR 2MTC 4X15.5X0.8	2.25
505056	ERIFLEX FLEXIBAR 2MTC 6X15.5X0.8	3.31
505059	ERIFLEX FLEXIBAR 2MTC 2X15.5X0.8	1.12
505045	ERIFLEX FLEXIBAR 2MTC 4X100X1	18.54
505046	ERIFLEX FLEXIBAR 2MTC 5X100X1	22.49

### AGENCY APPROVALS

#### Underwriters Laboratories

UL® Recognized, File No. E125470 & E316390

#### Canadian Standards Association

CSA® Certified, File No. LL 90005

#### American Bureau of Shipping

Certificate No. 08-HS365878-DUP  
Marine & Offshore Applications

#### International Electrotechnical Association

Meets all requirements of IEC® 439-1

#### CETE APAVE Lyonnaise

Attestation of Conformity No. AF 5 A-MS 94 001

#### CE Conformity

#### Veritas Certified

No. 02859/DOBV. Ship application

#### GOST Certificate Compliance

POCC FR.AI064.H01667

## ERIFLEX® FLEXIBAR 3 M TINNED COPPER

- Length 3 meters

Part No. Length 3 m	DESCRIPTION		Part No. Length 3 m	DESCRIPTION	
505501	ERIFLEX FLEXIBAR 3MTC 2X20X	13.47	505551	ERIFLEX FLEXIBAR 3MTC 6X45X1	18.15
505502	ERIFLEX FLEXIBAR 3MTC 3X20X1	4.92	505552	ERIFLEX FLEXIBAR 3MTC 8X45X1	23.52
505503	ERIFLEX FLEXIBAR 3MTC 4X20X1	5.88	505527	ERIFLEX FLEXIBAR 3MTC 3X50X1	11.13
505504	ERIFLEX FLEXIBAR 3MTC 5X20X1	7.11	505528	ERIFLEX FLEXIBAR 3MTC 4X50X1	14.11
505505	ERIFLEX FLEXIBAR 3MTC 6X20X1	8.33	505529	ERIFLEX FLEXIBAR 3MTC 5X50X1	17.09
505506	ERIFLEX FLEXIBAR 3MTC 2X24X1	4.1	505530	ERIFLEX FLEXIBAR 3MTC 6X50X1	20.08
505507	ERIFLEX FLEXIBAR 3MTC 3X24X1	5.56	505531	ERIFLEX FLEXIBAR 3MTC 8X50X1	26.04
505508	ERIFLEX FLEXIBAR 3MTC 4X24X1	6.99	505532	ERIFLEX FLEXIBAR 3MTC 10X50X1	32.01
505509	ERIFLEX FLEXIBAR 3MTC 5X24X1	8.44	505533	ERIFLEX FLEXIBAR 3MTC 3X63X1	15.04
505510	ERIFLEX FLEXIBAR 3MTC 6X24X1	9.9	505534	ERIFLEX FLEXIBAR 3MTC 4X63X1	17.68
505511	ERIFLEX FLEXIBAR 3MTC 8X24X1	12.81	505535	ERIFLEX FLEXIBAR 3MTC 5X63X1	21.43
505512	ERIFLEX FLEXIBAR 3MTC 10X24X1	15.7	505536	ERIFLEX FLEXIBAR 3MTC 6X63X1	25.18
505513	ERIFLEX FLEXIBAR 3MTC 2X32X1	5.34	505537	ERIFLEX FLEXIBAR 3MTC 8X63X1	32.65
505514	ERIFLEX FLEXIBAR 3MTC 3X32X1	7.28	505538	ERIFLEX FLEXIBAR 3MTC 10X63X1	40.15
505515	ERIFLEX FLEXIBAR 3MTC 4X32X1	9.19	505539	ERIFLEX FLEXIBAR 3MTC 3X80X1	17.57
505516	ERIFLEX FLEXIBAR 3MTC 5X32X1	11.11	505540	ERIFLEX FLEXIBAR 3MTC 4X80X1	22.33
505517	ERIFLEX FLEXIBAR 3MTC 6X32X1	13.03	505541	ERIFLEX FLEXIBAR 3MTC 5X80X1	27.07
505518	ERIFLEX FLEXIBAR 3MTC 8X32X1	16.87	505542	ERIFLEX FLEXIBAR 3MTC 6X80X1	31.81
505519	ERIFLEX FLEXIBAR 3MTC 10X32X1	20.72	505543	ERIFLEX FLEXIBAR 3MTC 8X80X1	41.31
505520	ERIFLEX FLEXIBAR 3MTC 2X40X1	6.59	505544	ERIFLEX FLEXIBAR 3MTC 10X80X1	50.82
505521	ERIFLEX FLEXIBAR 3MTC 3X40X1	8.99	505547	ERIFLEX FLEXIBAR 3MTC 6X100X1	39.65
505522	ERIFLEX FLEXIBAR 3MTC 4X40X1	11.38	505548	ERIFLEX FLEXIBAR 3MTC 8X100X1	51.5
505523	ERIFLEX FLEXIBAR 3MTC 5X40X1	13.78	505549	ERIFLEX FLEXIBAR 3MTC 10X100X1	63.36
505524	ERIFLEX FLEXIBAR 3MTC 6X40X1	16.16	505550	ERIFLEX FLEXIBAR 3MTC 12X100X1	75.2
505525	ERIFLEX FLEXIBAR 3MTC 8X40X1	20.94			
505526	ERIFLEX FLEXIBAR 3MTC 10X40X1	25.73			



# ERIFLEX® FLEXIBAR

## UL® Maximum Ampacity (Temperature Rise)

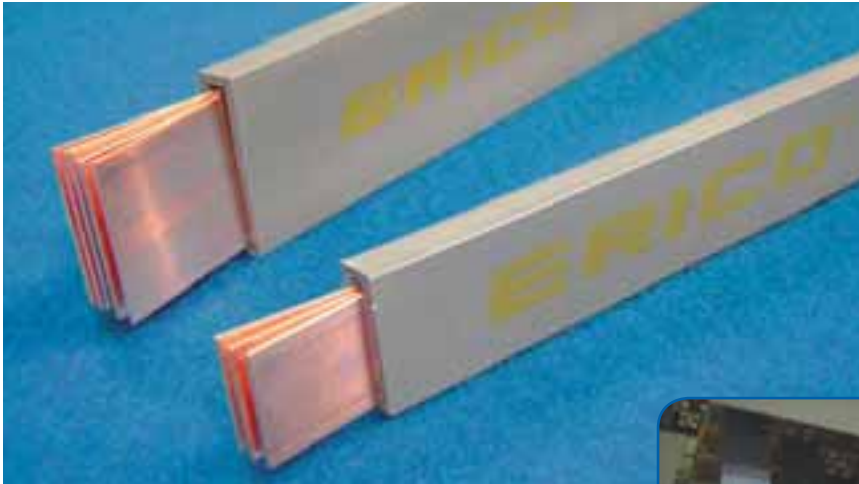
ERIFLEX® FLEXIBAR COMPOSITION			@ 20°C	NEC 310-16 60°C	@ 30°C	@ 35°C	@ 40°C	NEC 310-16 75°C	@ 45°C	@ 50°C	NEC 310-16 90°C	@ 60°C	@ 65°C	@ 70°C
3	9	0.8	101	<b>126</b>	138	148	<b>158</b>	167	<b>185</b>	193	201			
3	13	0.5	102	<b>128</b>	139	150	<b>160</b>	169	<b>187</b>	195	203			
8	6	0.5	105	<b>131</b>	143	154	<b>164</b>	174	<b>192</b>	200	208			
2	15.5	0.8	121	<b>152</b>	166	178	<b>190</b>	201	<b>222</b>	232	241			
6	13	0.5	150	<b>188</b>	205	221	<b>235</b>	249	<b>275</b>	287	299			
6	9	0.8	153	<b>192</b>	210	226	<b>241</b>	255	<b>281</b>	293	305			
2	20	1	168	<b>211</b>	229	247	<b>263</b>	279	<b>307</b>	321	334			
4	15.5	0.8	178	<b>223</b>	243	262	<b>279</b>	295	<b>326</b>	340	354			
2	24	1	195	<b>244</b>	266	286	<b>305</b>	323	<b>357</b>	373	388			
9	9	0.8	200	<b>251</b>	273	294	<b>314</b>	332	<b>366</b>	383	398			
3	20	1	210	<b>263</b>	286	308	<b>328</b>	347	<b>383</b>	400	416			
6	15.5	0.8	225	<b>282</b>	308	331	<b>353</b>	374	<b>412</b>	430	448			
3	24	1	243	<b>304</b>	331	356	<b>379</b>	402	<b>443</b>	463	482			
4	20	1	246	<b>308</b>	336	361	<b>385</b>	408	<b>450</b>	470	489			
2	32	1	248	<b>311</b>	338	364	<b>388</b>	411	<b>454</b>	474	493			
5	20	1	280	<b>351</b>	382	411	<b>438</b>	464	<b>512</b>	535	556			
4	24	1	285	<b>356</b>	388	418	<b>445</b>	472	<b>520</b>	543	565			
2	40	1	301	<b>376</b>	409	440	<b>470</b>	497	<b>549</b>	573	596			
3	32	1	308	<b>385</b>	419	451	<b>481</b>	510	<b>562</b>	587	611			
10	15.5	0.8	309	<b>387</b>	421	453	<b>483</b>	512	<b>565</b>	589	613			
6	20	1	311	<b>390</b>	424	457	<b>487</b>	516	<b>569</b>	594	618			
5	24	1	322	<b>403</b>	439	472	<b>504</b>	534	<b>589</b>	615	640			
6	24	1	357	<b>448</b>	487	524	<b>559</b>	592	<b>653</b>	682	710			
4	32	1	359	<b>449</b>	489	526	<b>561</b>	594	<b>655</b>	684	712			
3	40	1	371	<b>464</b>	505	544	<b>580</b>	614	<b>677</b>	707	736			
5	32	1	405	<b>507</b>	552	594	<b>633</b>	671	<b>740</b>	773	804			
8	24	1	424	<b>531</b>	578	622	<b>663</b>	702	<b>775</b>	809	841			
4	40	1	432	<b>541</b>	589	633	<b>675</b>	715	<b>789</b>	824	857			
6	32	1	448	<b>561</b>	611	657	<b>701</b>	742	<b>819</b>	855	889			
3	50	1	449	<b>562</b>	612	658	<b>702</b>	743	<b>820</b>	856	891			
10	24	1	484	<b>606</b>	660	710	<b>757</b>	802	<b>885</b>	924	961			
5	40	1	486	<b>608</b>	662	712	<b>759</b>	804	<b>887</b>	926	964			
4	50	1	521	<b>651</b>	709	763	<b>813</b>	861	<b>950</b>	992	1032			
8	32	1	525	<b>657</b>	715	770	<b>821</b>	869	<b>959</b>	1001	1042			
6	40	1	535	<b>669</b>	728	784	<b>835</b>	885	<b>976</b>	1019	1061			
3	63	1	549	<b>687</b>	747	804	<b>857</b>	907	<b>1002</b>	1046	1088			
5	50	1	583	<b>730</b>	794	855	<b>911</b>	965	<b>1065</b>	1112	1157			
6	45	1	588	<b>736</b>	801	862	<b>919</b>	973	<b>1074</b>	1121	1167			
10	32	1	595	<b>745</b>	811	873	<b>931</b>	986	<b>1088</b>	1136	1182			
8	40	1	628	<b>786</b>	855	920	<b>981</b>	1039	<b>1146</b>	1197	1246			
4	63	1	633	<b>792</b>	861	927	<b>988</b>	1046	<b>1155</b>	1205	1255			
6	50	1	641	<b>802</b>	873	940	<b>1002</b>	1061	<b>1171</b>	1222	1272			
3	80	1	675	<b>844</b>	918	988	<b>1053</b>	1115	<b>1231</b>	1285	1337			
8	45	1	682	<b>853</b>	929	999	<b>1065</b>	1128	<b>1245</b>	1300	1353			
10	40	1	702	<b>879</b>	956	1029	<b>1097</b>	1162	<b>1282</b>	1338	1393			
5	63	1	706	<b>883</b>	961	1033	<b>1102</b>	1167	<b>1288</b>	1344	1399			
8	50	1	741	<b>927</b>	1009	1085	<b>1157</b>	1226	<b>1352</b>	1412	1469			
6	63	1	772	<b>966</b>	1051	1130	<b>1205</b>	1276	<b>1408</b>	1470	1530			
4	80	1	776	<b>970</b>	1056	1136	<b>1211</b>	1282	<b>1415</b>	1477	1538			
10	50	1	831	<b>1040</b>	1132	1217	<b>1298</b>	1375	<b>1517</b>	1584	1648			
5	80	1	861	<b>1077</b>	1172	1260	<b>1344</b>	1423	<b>1570</b>	1640	1706			
8	63	1	886	<b>1108</b>	1205	1297	<b>1383</b>	1464	<b>1616</b>	1687	1756			
6	80	1	938	<b>1172</b>	1275	1372	<b>1463</b>	1549	<b>1709</b>	1785	1858			
4	100	1	937	<b>1172</b>	1275	1371	<b>1462</b>	1548	<b>1708</b>	1784	1856			
10	63	1	985	<b>1232</b>	1341	1442	<b>1538</b>	1628	<b>1797</b>	1876	1953			
5	100	1	1041	<b>1301</b>	1416	1523	<b>1624</b>	1719	<b>1898</b>	1982	2062			
8	80	1	1073	<b>1341</b>	1460	1570	<b>1674</b>	1773	<b>1956</b>	2043	2126			
6	100	1	1132	<b>1414</b>	1539	1655	<b>1765</b>	1869	<b>2062</b>	2153	2241			
10	80	1	1187	<b>1484</b>	1614	1736	<b>1851</b>	1960	<b>2164</b>	2259	2351			
8	100	1	1279	<b>1598</b>	1739	1870	<b>1994</b>	2111	<b>2330</b>	2433	2532			
10	100	1	1413	<b>1765</b>	1921	2066	<b>2203</b>	2332	<b>2574</b>	2688	2797			
12	100	1	1537	<b>1920</b>	2089	2247	<b>2396</b>	2537	<b>2800</b>	2924	3043			

Size AWG / kcmil	Temperature Rating of Copper Conductor From NEC® Table 310-16		
	60° C (140° F) Types: TW, UF	75° C (167° F) Types: FEPW, RH, RHW, THHW, THW, THWN, XHHW, USE, ZW	90° C (194° F) Types: TA, TBS, SA SIS, FEP, FEPB, MI RHH, RHW-2, THHN, THHW, THW-2, THWN-2, USE-2, XHH, XHHW XHHW-2, ZW-2
1/0	125	150	170
2/0	145	175	195
3/0	165	200	225
4/0	195	230	260
250	215	255	290
300	240	285	320
350	260	310	350
400	280	335	380
500	320	380	430
600	355	420	475
700	385	460	520
750	400	475	535
800	410	490	555
900	435	520	585
1000	455	545	615
1250	495	590	665
1500	520	625	705
1750	545	650	735
2000	560	665	750

# Halogen Free ERIFLEX® FLEXIBAR

## ERIFLEX® FLEXIBAR SUMMUM 2 m

Products on this page are world wide and are not UL® Recognized



- Halogen Free
- Environmental Awareness
- High Current Density
- High Ambient Temperature
- High Flexibility
- High Insulation Value



### ERIFLEX FLEXIBAR SUMMUM 2 m

CONDUCTOR IN ELECTROLYTIC COPPER

- Laminates thickness 1 mm

INSULATION IN SILICONE COMPOUND

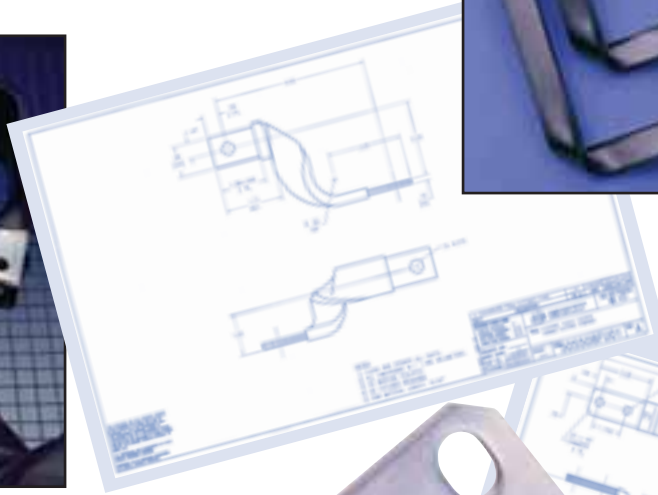
- Working temperature: -50°C up to 280°C ( 315°C short time )
- Halogen free
- Low smoke
- Very high UV & Ozone withstanding
- Self-extinguishing: UL 94 VO
- Elongation: 400 % minimum
- Tear resistance: 20 KN/m minimum
- Thickness: 2 mm ± 0.2 mm
- Dielectric strength: 20 KV/mm
- Maximum Continuous Voltage: 1000 V AC / 1500 V DC

**ON REQUEST: SILVERED OR TINNED  
ERIFLEX FLEXIBAR SUMMUM**

Part No.	DESCRIPTION	Box	Weight	Section mm²	IEC Ampacity ΔT (°K)					Current Coefficient	
					70	60	50	40	30	1	2
566490	ERIFLEX FLEXIBAR SUMMUM 2M 2X20X1	5	1.05	40	326	300	<b>275</b>	246	214	1.72	2.25
566500	ERIFLEX FLEXIBAR SUMMUM 2M 3X20X1	5	1.42	60	428	395	<b>360</b>	323	280	1.72	2.25
566510	ERIFLEX FLEXIBAR SUMMUM 2M 4X20X1	5	1.78	80	476	440	<b>402</b>	360	312	1.72	2.25
566520	ERIFLEX FLEXIBAR SUMMUM 2M 5X20X1	5	2.15	100	498	460	<b>420</b>	376	326	1.72	2.25
566550	ERIFLEX FLEXIBAR SUMMUM 2M 2X24X1	5	1.24	48	450	416	<b>380</b>	340	295	1.72	2.25
566560	ERIFLEX FLEXIBAR SUMMUM 2M 3X24X1	5	1.68	72	490	453	<b>413</b>	370	320	1.72	2.25
566570	ERIFLEX FLEXIBAR SUMMUM 2M 4X24X1	5	2.12	96	550	540	<b>465</b>	416	360	1.72	2.25
566580	ERIFLEX FLEXIBAR SUMMUM 2M 5X24X1	5	2.55	120	608	563	<b>514</b>	460	398	1.72	2.25
566590	ERIFLEX FLEXIBAR SUMMUM 2M 6X24X1	5	2.99	144	670	620	<b>566</b>	506	438	1.72	2.25
566630	ERIFLEX FLEXIBAR SUMMUM 2M 3X32X1	5	2.2	96	570	525	<b>480</b>	430	372	1.72	2.25
566640	ERIFLEX FLEXIBAR SUMMUM 2M 4X32X1	5	2.78	128	648	600	<b>548</b>	490	425	1.72	2.25
566650	ERIFLEX FLEXIBAR SUMMUM 2M 5X32X1	5	3.36	160	758	702	<b>640</b>	573	496	1.72	2.25
566660	ERIFLEX FLEXIBAR SUMMUM 2M 6X32X1	5	3.94	192	846	783	<b>715</b>	640	555	1.72	2.25
566670	ERIFLEX FLEXIBAR SUMMUM 2M 8X32X1	5	5.1	256	1018	943	<b>860</b>	770	667	1.72	2.25
566720	ERIFLEX FLEXIBAR SUMMUM 2M 5X40X1	5	4.16	200	900	832	<b>760</b>	680	590	1.72	2.25
566730	ERIFLEX FLEXIBAR SUMMUM 2M 6X40X1	5	4.89	240	1018	943	<b>860</b>	770	667	1.72	2.25
566750	ERIFLEX FLEXIBAR SUMMUM 2M 10X40X1	5	7.78	400	1400	1295	<b>1181</b>	1055	915	1.72	2.25
566780	ERIFLEX FLEXIBAR SUMMUM 2M 5X50X1	5	5.17	250	1100	1016	<b>930</b>	830	718	1.72	2.25
566800	ERIFLEX FLEXIBAR SUMMUM 2M 8X50X1	2	7.87	400	1393	1290	<b>1175</b>	1050	912	1.72	2.25
566810	ERIFLEX FLEXIBAR SUMMUM 2M 10X50X1	2	9.68	500	1650	1525	<b>1395</b>	1245	1080	1.72	2.25
566870	ERIFLEX FLEXIBAR SUMMUM 2M 10X63X1	2	12.14	630	1895	1755	<b>1600</b>	1435	1240	1.65	2.12

# ERIFLEX® FLEXIBAR – Made To Order (MTO)

ERICO can provide preformed ERIFLEX® FLEXIBAR configurations to your drawing specification. ERIFLEX® FLEXIBAR can be cut, punched, twisted or bent to address your most challenging panelboard designs and production scheduling requirements. Give ERICO your low voltage connection challenges!



# ERIFLEX® FLEXIBAR SUPPORTS & SPACER CLAMPS

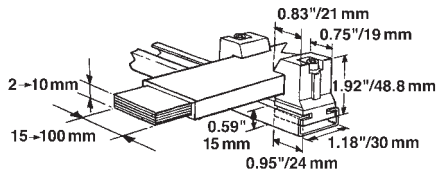


- Ease of installation
- Provides support
- Allows for proper cooling

## UFS KIT ERIFLEX® FLEXIBAR SUPPORT

Assembly comprised of a 2 m aluminum section and 24 retaining blocks made of glass-reinforced halogen-free polyimide.

- Possible to make up 3 supports, 25.06 inches long each for 4 ERIFLEX® FLEXIBAR
- Recommended distance between supports: 16 inches max.



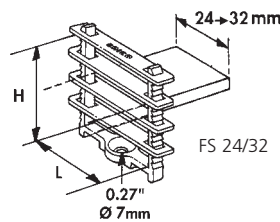
Part No.	DESCRIPTION		
553590	UFS Kit	1	5.07



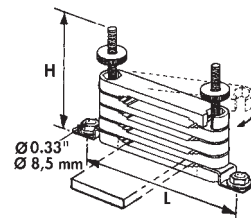
## FS ERIFLEX® FLEXIBAR SPACER CLAMP



- Ensures correct support for ERIFLEX® FLEXIBAR in parallel, without damage to the insulation.
- Ensures correct space for optimum cooling.
- UL® 67 IEC 439



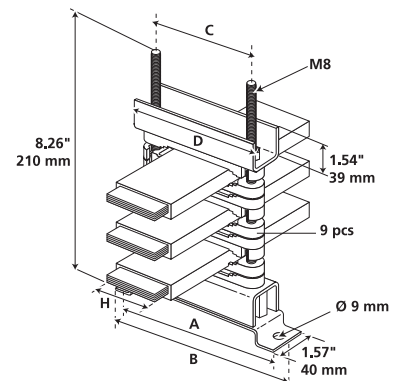
FS 40/63  
FS 80/100



Part No.	DESCRIPTION	Range of ERIFLEX FLEXIBAR	H inches	L inches		
553550	FS 24	≤ 24 mm	2.08	1.18	25	0.03
553560	FS 32	≤ 32 mm	2.08	1.49	25	0.04
553570	FS 40-63	40-50 & 63 mm	3.74	5.9	10	2.2
553580	FS 80-100	80/100 mm	5.51	7.87	10	5.51

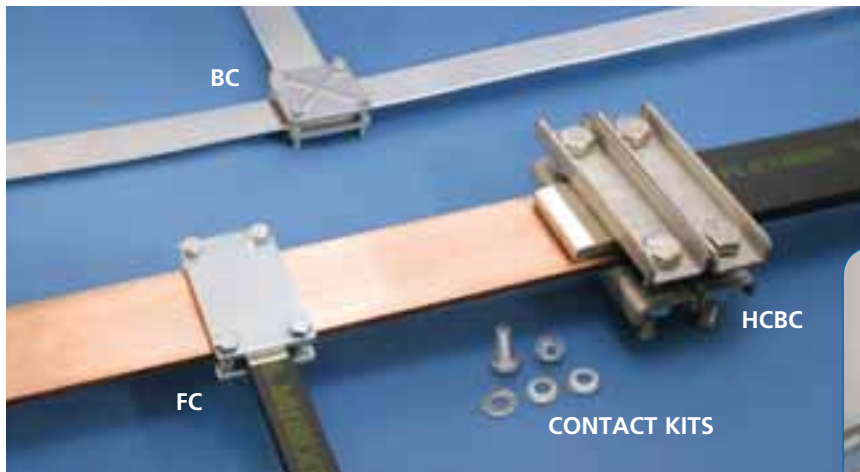
## RFS REINFORCED ERIFLEX® FLEXIBAR SUPPORT

- Allows up to 8 ERIFLEX® FLEXIBAR in parallel.
- Easy mounting in the panel.
- Recommended distance between supports: 16 inches.



Part No.	DESCRIPTION	A inches	B inches	C inches	D inches	ERIFLEX FLEXIBAR Range H (mm)		
553370	RFS 40-63	5.90	6.89	3.54	4.72	40 => 63	1	0.53
553380	RFS 80-100	7.87	8.86	5.51	6.69	80 => 100	1	0.66

# CONNECTING CLAMPS

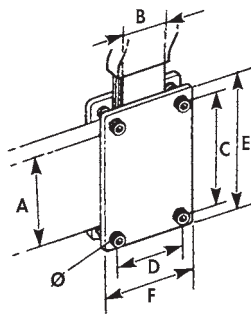


- Very compact
- Space saving
- Easy connection method



## FC ERIFLEX® FLEXIBAR CLAMP

- Clamping capacity: 0.79 inches
- 2 zinc plated steel plates complete with M8 screws

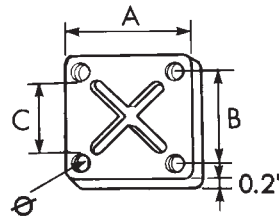


Clamping Capacity = 0.79 inches (20mm)

Part No.	DESCRIPTION	A inches	B mm	C inches	D inches	E inches	F inches	Diam (mm)	Torque (ft./lbs.)	Icons
553020	FC 50 x 24	2	20-24	2.32	1.42	2.95	2.05	M8	7.37	3 0.7
553030	FC 50 x 32	2	32	2.32	1.73	2.95	2.36	M8	7.37	3 0.8
553040	FC 50 x 40	2	40	2.32	2.05	2.95	2.68	M8	7.37	3 0.91
553050	FC 80 x 24	3.18	20-24	3.5	1.42	4.13	2.05	M8	7.37	3 0.95
553060	FC 80 x 32	3.18	32	3.5	1.73	4.13	2.36	M8	7.37	3 1.08
553070	FC 80 x 50	3.18	50	3.5	2.44	4.13	3.07	M8	7.37	3 1.41
568700	FC 100 x 32	3.97	32	4.29	1.73	4.92	2.36	M8	7.37	3 1.47
568730	FC 120 x 32	4.4	32	5.08	1.73	4.92	2.36	M8	7.37	3 1.67

## BC RIBBED-STEEL BUSBAR CLAMP

- Clamping capacity: 0.79 inches
- Maximum clamping capacity is 50 mm using longer screws SAE Grade 5
- 2 ribbed zinc-plated hardened-steel plates complete with screws
- UL® 67 Recognized



Clamping Capacity = 0.79 inches (20mm)

Part No.	DESCRIPTION	A inches	B inches	C inches	Ø mm	Torque (ft./lbs.)	Icons
553200	BC 30	2.2	1.65	1.37	M6	5.16	8 0.68
553210	BC 40	2.6	2.05	1.77	M6	5.16	8 0.81
553220	BC 50	3.26	2.52	2.16	M8	14.75	8 1.3
553230	BC 63	3.66	2.91	2.55	M8	14.75	4 1.63
553250	BC 80	4.64	3.78	3.34	M10	29.5	4 2.6
553260	BC 100	5.67	4.64	4.21	M10	29.5	4 3.79

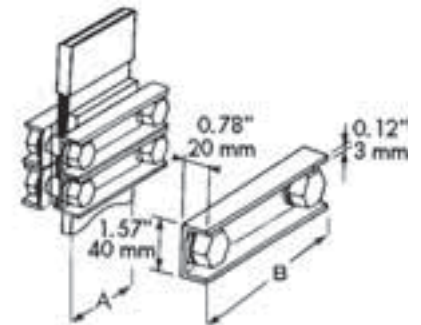
## CONTACT KITS METAL NUTS, BOLTS AND WASHERS

- For good electrical contact
- 100 nuts – 100 bolts • 200 flat washers
- 200 contact washers (SAE Grade 5 hardware)

Part No.	DESCRIPTION	Torque (ft./lbs.)	Icons
561400	CONTACT KIT 1/4 - 20 x 5/8"	9	100
561401	CONTACT KIT 5/16 - 18 x 1-1/4"	18	100
561402	CONTACT KIT 7/16 - 14 x 1-1/4"	50	100
561403	CONTACT KIT 7/16 - 14 x 2"	50	100
561404	CONTACT KIT 1/2 - 13 x 1-1/4"	75	100
561405	CONTACT KIT 1/2 - 13 x 1-1/2"	75	100
561406	CONTACT KIT 1/2 - 13 x 2"	75	100

## HCBC HIGH CURRENT BUSBAR CLAMP

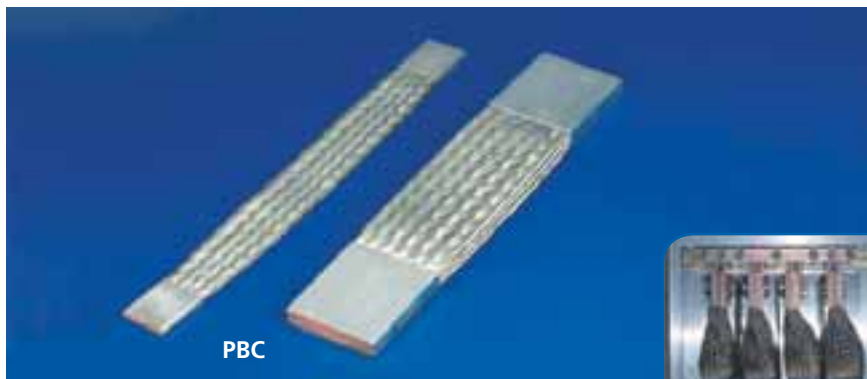
- Clamping capacity: 1.58 inches
- This modular busbar clamp is designed with non-magnetic materials for high current connections between ERIFLEX® FLEXIBAR and rigid busbars such as transformer terminals
- Its mechanical design assures rigidity and even contact pressure
- Use two clamps to guarantee the contact pressure



Part No.	DESCRIPTION	Busbar Width A (in.)	Busbar Width A (mm)	Overall Width B (in.)	Overall Bolt Length (in.)	Torque (ft./lbs.)	Icons
553100	HCBC 80	3.15	80	5.5	2.35	74	1 1.85
553110	HCBC 100	3.94	100	6.3	2.35	74	1 2.03
553120	HCBC 120	4.72	120	7.2	3.15	74	1 2.2

# Power Shunts

## Power Shunts

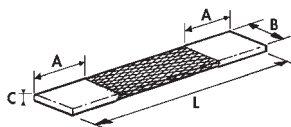


- High flexibility
- Reduce vibrations
- Ideal for Transfo-Busduct link
- Intensity: Up to 4200 A



### PBC BRAIDED POWER SHUNTS

- Undrilled palms to customer's specific designs, fitted by power press
- Extra-flexible power connections (expansion rings, busbar...)
- Tinned electrolytic copper strand  $\varnothing$  0.15 mm
- When used in parallel, the 2 shunts must be spaced with a minimum distance equal to the thickness of the shunt to allow air cooling



Part No.	DESCRIPTION	Section mm <sup>2</sup>	Intensity ( $\Delta T$ 30°K)		Intensity ( $\Delta T$ 50°K)		A mm	B mm	C mm	L mm	Icons	Icons
564000	PBC 100 X 250	100	349	600	462	795	35	40	7.0	250	2	0.38
564050	PBC 100 X 500	100	349	600	462	795	35	40	7.0	500	2	0.63
564010	PBC 120 X 250	120	385	670	511	877	35	40	7.5	250	2	0.42
564100	PBC 150 X 250	150	440	757	583	1003	55	50	8.0	250	2	0.63
564150	PBC 150 X 500	150	440	757	583	1003	55	50	8.0	500	2	0.90
564200	PBC 200 X 250	200	550	946	729	1253	55	50	9.0	250	2	0.76
564250	PBC 200 X 500	200	550	946	729	1253	55	50	9.0	500	2	1.20
564300	PBC 250 X 300	250	651	1120	863	1484	85	50	10.5	300	2	1.03
564400	PBC 300 X 400	300	716	1180	948	1565	85	60	11.0	400	1	1.53
564500	PBC 400 X 400	400	853	1360	1131	1808	85	80	11.0	400	1	2.20
564600	PBC 500 X 400	500	917	1561	1216	1944	105	100	11.0	400	1	2.64
564700	PBC 600 X 450	600	1101	1762	1459	2334	105	100	12.0	450	1	3.4
564800	PBC 800 X 450	800	1376	2202	1823	2917	105	100	15.0	450	1	4.26
564900	PBC 1000 X 450	1000	1651	2642	2188	3500	105	100	18.0	450	1	5.47
564030	PBC 1200 X 500	1200	1982	3170	2626	4208	105	120	17.5	500	1	7.16

### CUSTOM SOLUTIONS

ERICO can provide made-to-order, custom configurations to your drawing specifications.

ERIFLEX® copper braids can be made to custom lengths, widths, thicknesses and hole patterns; with PVC installation; in flat or tubular shapes; using copper wire; in continuous coils; or with soldered studs or crimped lugs. Let ERICO solve your design and production scheduling challenges.



#### MTO Braid Check List:

##### \*Braid:

Bare Copper \_\_\_\_\_  
Tinned Copper \_\_\_\_\_

##### \*Contact:

Bare Copper \_\_\_\_\_  
Nickel Plated \_\_\_\_\_  
Silver Plated \_\_\_\_\_  
Tinned Copper \_\_\_\_\_

##### Design:

\*OAL (Overall Length) \_\_\_\_\_  
Number of Rows \_\_\_\_\_  
Number of Layers \_\_\_\_\_  
\*Pad # 1 L\_\_\_\_\_ x W\_\_\_\_\_ x T \_\_\_\_\_  
\*Pad #1 Number of holes \_\_\_\_\_  
\*Pad # 2 L\_\_\_\_\_ x W\_\_\_\_\_ x T \_\_\_\_\_  
\*Pad #2 Number of holes \_\_\_\_\_  
\*Estimated cross section \_\_\_\_\_sq.mm

\* Must have

**OTHER  
DIMENSIONS  
ON REQUEST**

# Metallic Braids, Power Flexibles, Sleeves

## Plain and tinned copper, stainless steel

### EARTH BRAIDS WITH INTEGRAL PALMS



### FLAT AND ROUND BRAIDS - INSULATED BRAIDS



### TUBULAR BRAIDS



## Sleeves

### polyamide CABLING SLEEVES

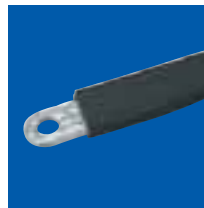


### SPECIFIC CABLING SLEEVES



## Power Flexibles

### INSULATED BRAIDED SHUNTS



## Insulated Braided Shunt



- The best alternative to cable!
- No cutting, no stripping, no crimping
- More flexible connection
- Pre-punched: ready to use
- Quick and easy to install

### TECHNICAL DATA

- INTENSITY = 100A UP TO 1000A
- EXCELLENT ELECTRICAL CONTACT
- GOOD TENSILE STRENGTH

### INSULATION

- HIGH RESISTANCE : VINYL COMPOUND
- MAX. WORKING TEMPERATURE : 105°C
- SELF-EXTINGUISHABLE: UL 94 VO
- DIELECTRIC STRENGTH: 20 kV/mm
- MAX. WORKING VOLTAGE: 1000 V AC - 1500 V DC

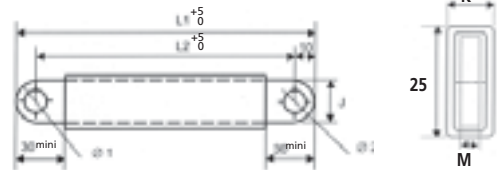
### BRAID

- TINNED ELECTROLYTIC COPPER FOR BETTER CORROSION PROTECTION
- WIRE DIAMETER: 0.15 mm FOR MAXIMUM FLEXIBILITY
- VERY GOOD RESISTANCE TO VIBRATION

### DIELECTRIC TEST

- 3500 V AC, 1 MINUTE ACCORDING TO THE IEC 60439.1 STANDARD (RATED INSULATION VOLTAGE  $U_i$  1000 V AC)
- 6000 V AC, 1 MINUTE WITH 6 mA CREEPAGE CURRENT SET UP

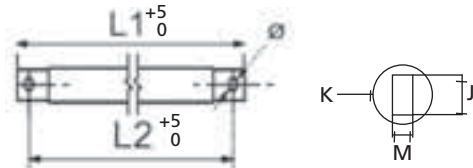
### IBS 25 IBS 50



Part No	IBS 25	S (mm <sup>2</sup> )	L1 (mm)	L2 (mm)	J (mm)	K (mm)	M (mm)	Ø1 (mm)	Ø2 (mm)	Box	Weight
558240	IBS 25-230-8-10	25	252	230	20	6	1,9	8,5	10,5	10	0,095
558241	IBS 25-330-8-10	25	352	330	20	6	1,9	8,5	10,5	10	0,14
558242	IBS 25-430-8-10	25	452	430	20	6	1,9	8,5	10,5	10	0,17
558243	IBS 25-530-8-10	25	552	530	20	6	1,9	8,5	10,5	10	0,21
558244	IBS 25-630-8-10	25	652	630	20	6	1,9	8,5	10,5	10	0,25

Part No	IBS 50	S (mm <sup>2</sup> )	L1 (mm)	L2 (mm)	J (mm)	K (mm)	M (mm)	Ø1 (mm)	Ø2 (mm)	Box	Weight
558260	IBS 50-230-10	50	255	230	20	7,5	3,8	10,5	10,5	10	0,16
558261	IBS 50-330-10	50	355	330	20	7,5	3,8	10,5	10,5	10	0,22
558262	IBS 50-430-10	50	455	430	20	7,5	3,8	10,5	10,5	10	0,29
558263	IBS 50-530-10	50	555	530	20	7,5	3,8	10,5	10,5	10	0,35
558264	IBS 50-630-10	50	655	630	20	7,5	3,8	10,5	10,5	10	0,41

### IBS 120 IBS 185 IBS 240



Part No	IBS 120	S (mm <sup>2</sup> )	L1 (mm)	L2 (mm)	J (mm)	K (mm)	M (mm)	Ø (mm)	Box	Weight
558270	IBS 120-330-10	120	354	330	24	27	10	10,5	2	0,51
558271	IBS 120-430-10	120	454	430	24	27	10	10,5	2	0,67
558272	IBS 120-530-10	120	554	530	24	27	10	10,5	2	0,82
558273	IBS 120-630-10	120	654	630	24	27	10	10,5	2	0,98
558274	IBS 120-830-10	120	854	830	24	27	10	10,5	2	1,29

Part No	IBS 185	S (mm <sup>2</sup> )	L1 (mm)	L2 (mm)	J (mm)	K (mm)	M (mm)	Ø (mm)	Box	Weight
558290	IBS 185-330-10	185	354	330	24	31	15	10,5	2	0,82
558291	IBS 185-430-10	185	454	430	24	31	15	10,5	2	1,07
558292	IBS 185-530-10	185	554	530	24	31	15	10,5	2	1,26
558293	IBS 185-630-10	185	654	630	24	31	15	10,5	2	1,48
558294	IBS 185-830-10	185	854	830	24	31	15	10,5	2	1,90

Part No	IBS 240	S (mm <sup>2</sup> )	L1 (mm)	L2 (mm)	J (mm)	K (mm)	M (mm)	Ø (mm)	Box	Weight
558280	IBS 240-330-12	240	356	330	32	36	15	12,5	2	1,03
558281	IBS 240-430-12	240	456	430	32	36	15	12,5	2	1,34
558282	IBS 240-530-12	240	556	530	32	36	15	12,5	2	1,65
558283	IBS 240-630-12	240	656	630	32	36	15	12,5	2	1,96
558284	IBS 240-830-12	240	856	830	32	36	15	12,5	2	2,58



## INTENSITY TEMPERATURE RISE

NOTE : The tables show the temperature rise ( $\Delta T$ ), Depending on the current value (I).

- WORKING TEMPERATURE = AMBIENT TEMPERATURE +  $\Delta T$

### FOR 1 IBS PER PHASE

$\Delta T$ (K)	IBS 25 I (A)	IBS 50 I (A)	IBS 120 I (A)	IBS 185 I (A)	IBS 240 I (A)
30	145	217	310	407	488
40	167	251	358	470	564
50	187	280	400	526	630
60	205	307	439	576	690
70	221	331	474	622	746

### FOR 2 IBS PER PHASE

$\Delta T$ (K)	IBS 25 I (A)	IBS 50 I (A)	IBS 120 I (A)	IBS 185 I (A)	IBS 240 I (A)
30	232	347	496	651	781
40	267	401	572	752	901
50	299	448	640	842	1008
60	328	491	701	922	1104
70	354	530	757	995	1192




### FOR 3 IBS PER PHASE

$\Delta T$ (K)	IBS 25 I (A)	IBS 50 I (A)
30	290	434
40	334	502
50	374	560
60	410	613
70	442	662

## USING 2 OR 3 "IBS" IN PARALLEL

NOTE :

Using 2 or 3 IBS in parallel multiply the nominal current (I) of 1 IBS by the factor in the table.

FACTOR		
		
1	1.6	2*

\* only for IBS 25-50

EX :

FOR IBS 25 : ADMISSIBLE CURRENT FOR 2 IBS ( $\Delta T = 50$  K) =  $187 \times 1.6 = 299$  A  
 FOR IBS 25 : ADMISSIBLE CURRENT FOR 3 IBS ( $\Delta T = 50$  K) =  $187 \times 2 = 374$  A  
 FOR IBS 120 : ADMISSIBLE CURRENT FOR 2 IBS ( $\Delta T = 50$  K) =  $400 \times 1.6 = 640$  A

## ADDITIONAL INFORMATION

### IBS 25 - IBS 50

SPACE BETWEEN 2 OR 3 IBS IN PARALLEL.

A minimum air gap is required:  
use FS 24 spacer clamp



SPACER CLAMP				
DESIGNATION	Part No.	H (mm)	L (mm)	W (kg)
FS 24	553550	53	30	0,015

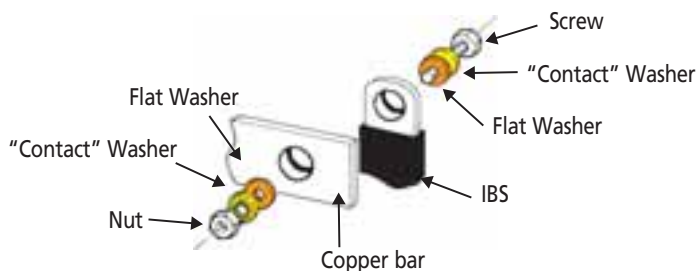
### IBS 120 - IBS 185 - IBS 240



MINIMUM BENDING RADIUS.

- IBS 120 = 50 mm
- IBS 185 = 57 mm
- IBS 240 = 65 mm

## IMPORTANT: ASSEMBLY INSTRUCTIONS



WITH A CLASS 8.8 ZINC COATED BOLT, USING "CONTACT" WASHERS TIGHTENED WITH TORQUE WRENCH, WITHOUT LUBRICATION.

### IBS 25 - IBS 50



	$\emptyset$ (mm)	Screw	External Flat and "Contact" Washers diameters (mm)	Clamping Torque (N.m)
IBS 25	$\emptyset 1$ 8,5	HM 8	18	30
	$\emptyset 2$ 10,5	HM 10	20	60
IBS 50	$\emptyset 1$ 10,5	HM 10	20	60
	$\emptyset 2$ 10,5	HM 10	20	60

### IBS 120 - IBS 185 - IBS 240



	$\emptyset$ (mm)	Screw	External Flat and "Contact" Washers diameters (mm)	Clamping Torque (N.m)
IBS 120	10,5	HM 10	20	60
IBS 185	10,5	HM 10	20	60
IBS 240	12,5	HM 10	20	60
		HM 12	24	110

OTHER LENGTHS AND HALOGEN FREE IBS AVAILABLE UPON REQUEST

# Metallic Braids

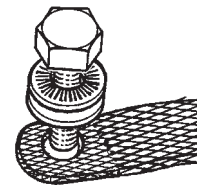
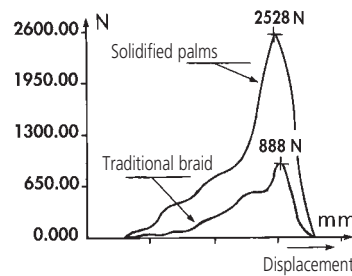
## Earth Braids With Integral Palms



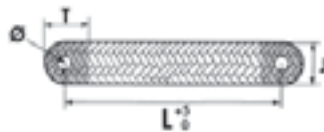
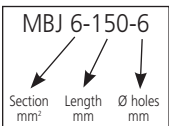
- Higher Electrical Contact
- Resistance to vibration and fatigue
- Recommended for EMI protection
- Excellent tensile strength
  - Tinned electrolytic copper 0.15mm wire
  - UL467 File E220029
  - Possible to bend very close to the contact
  - Area working temperature up to 105°C



COMPARISON OF TENSILE STRENGTH



Assembly Recommendation



## MBJ

Part No.	DESCRIPTION	Intensity A	Thick. mm	Section mm <sup>2</sup>	L mm	Ø mm	J mm	T mm		
556600	MBJ 6-150-6	40	1.1	6	150	6.5	13	23	10	0.010
563410	MBJ 6-200-6	40	1.1	6	200	6.5	13	23	10	0.0167
556930	MBJ 10-200-6	75	1.1	10	200	6.5	12	22	10	0.022
556610	MBJ 10-300-6	75	1.1	10	300	6.5	12	22	10	0.033
563540	MBJ 16-100-6	120	1.5	16	100	6.5	15	25	10	0.018
556620	MBJ 16-100-8	120	1.5	16	100	8.5	15	25	10	0.018
563550	MBJ 16-150-6	120	1.5	16	150	6.5	15	25	10	0.035
556630	MBJ 16-150-8	120	1.5	16	150	8.5	15	25	10	0.035
563300	MBJ 16-200-6	120	1.5	16	200	6.5	15	25	10	0.033
556640	MBJ 16-200-8	120	1.5	16	200	8.5	15	25	10	0.033
556650	MBJ 16-250-8	120	1.5	16	250	8.5	15	25	10	0.040
563320	MBJ 16-300-6	120	1.5	16	300	6.5	15	25	10	0.050
556660	MBJ 16-300-8	120	1.5	16	300	8.5	15	25	10	0.050
556940	MBJ 16-500-8	120	1.5	16	500	8.5	15	25	10	0.082
556670	MBJ 25-100-10	150	1.5	25	100	10.5	23	33	10	0.027
556680	MBJ 25-150-10	150	1.5	25	150	10.5	23	33	10	0.039
563340	MBJ 25-200-6	150	1.5	25	200	6.5	23	33	10	0.052
556690	MBJ 25-200-10	150	1.5	25	200	10.5	23	33	10	0.052
563430	MBJ 25-200-12	150	1.5	25	200	12.5	23	33	10	0.052
556700	MBJ 25-250-10	150	1.5	25	250	10.5	23	33	10	0.064
556710	MBJ 25-300-10	150	1.5	25	300	10.5	23	33	10	0.077
556950	MBJ 25-500-10	150	1.5	25	500	10.5	23	33	10	0.113
556720	MBJ 30-100-10	180	2	30	100	10.5	23	33	10	0.032
556730	MBJ 30-150-10	180	2	30	150	10.5	23	33	10	0.047
556740	MBJ 30-200-10	180	2	30	200	10.5	23	33	10	0.062
556750	MBJ 30-250-10	180	2	30	250	10.5	23	33	10	0.075
556760	MBJ 30-300-10	180	2	30	300	10.5	23	33	10	0.092
556960	MBJ 30-500-10	180	2	30	500	10.5	23	33	10	0.155
556770	MBJ 35-100-10	197	2.1	35	100	10.5	23	33	10	0.037
556780	MBJ 35-150-10	197	2.1	35	150	10.5	23	33	10	0.054
556790	MBJ 35-200-10	197	2.1	35	200	10.5	23	33	10	0.072
556800	MBJ 35-250-10	197	2.1	35	250	10.5	23	33	10	0.089
565000	MBJ 35-250-25	197	2.1	35	250	25.5	40	50	10	0.089
556810	MBJ 35-300-10	197	2.1	35	300	10.5	23	33	10	0.110
556970	MBJ 35-500-10	197	2.1	35	500	10.5	23	33	10	0.180

Part No.	DESCRIPTION	Intensity A	Thick. mm	Section mm <sup>2</sup>	L mm	Ø mm	J mm	T mm		
556820	MBJ 50-100-10	250	2.5	50	100	10.5	28	38	10	0.052
556830	MBJ 50-150-10	250	2.5	50	150	10.5	28	38	10	0.077
563350	MBJ 50-200-6	250	2.5	50	200	6.5	28	38	10	0.120
556840	MBJ 50-200-10	250	2.5	50	200	10.5	28	38	10	0.120
563440	MBJ 50-200-12	250	2.5	50	200	12.5	28	38	10	0.120
563360	MBJ 50-200-16	250	2.5	50	200	16.5	28	38	10	0.110
563370	MBJ 50-200-18	250	2.5	50	200	18.5	28	38	10	0.110
556850	MBJ 50-250-10	250	2.5	50	250	10.5	28	38	10	0.127
563380	MBJ 50-300-6	250	2.5	50	300	6.5	28	38	10	0.150
556860	MBJ 50-300-10	250	2.5	50	300	10.5	28	38	10	0.153
563390	MBJ 50-300-16	250	2.5	50	300	16.5	28	38	10	0.150
563400	MBJ 50-300-18	250	2.5	50	300	18.5	28	38	10	0.140
556980	MBJ 50-500-10	250	2.5	50	500	10.5	28	38	10	0.255
563560	MBJ 50-500-12	250	2.5	50	500	12.5	28	38	10	0.255
563450	MBJ 70-300-6	290	5	70	300	6.5	28	38	10	0.210
563460	MBJ 70-300-10	290	5	70	300	10.5	28	38	10	0.210
563420	MBJ 70-300-12	290	5	70	300	12.5	28	38	10	0.210
563470	MBJ 70-300-16	290	5	70	300	16.5	28	38	10	0.200
563480	MBJ 70-300-22	290	3.5	70	300	22.5	40	50	10	0.200
563490	MBJ 70-500-10	290	5	70	500	10.5	28	38	10	0.340
563500	MBJ 100-250-16	349	4	100	250	16.5	50	60	10	0.254
563510	MBJ 100-250-30	349	4	100	250	30.5	50	60	10	0.254
563520	MBJ 100-500-16	349	4	100	500	16.5	50	60	10	0.508
563530	MBJ 100-500-30	349	4	100	500	30.5	50	60	10	0.508



Round braids with crimped lugs

## BJ

Part No.	DESCRIPTION	Section mm <sup>2</sup>	L mm	Ø D mm	Intensity A		
556900	BJ 6-150 S	6	150	6.5	45	10	0.010
556910	BJ 6-200 S	6	200	6.5	45	10	0.015
556920	BJ 10-300 S	10	300	6.5	75	10	0.033

# Metallic Braids



## Copper and Stainless Steel Braids



### FTCB 15

#### Flat tinned copper braids



- Standard wire diameter: 0,15 mm
- 25 m coils

Part No.	DESCRIPTION	Section mm <sup>2</sup>	mm	Number of strands	Nominal current A		
557200	FTCB 15-3	3	5 x 1	168	30	25 m	0,03
557210	FTCB 15-5	5	8 x 1	288	45	25 m	0,05
557220	FTCB 15-8	8	8 x 1,5	456	65	25 m	0,08
557230	FTCB 15-10	10	10 x 1,5	576	75	25 m	0,10
557240	FTCB 15-16	16	15 x 1,5	896	120	25 m	0,16
557250	FTCB 15-20	20	20 x 1,5	1120	140	25 m	0,20
557260	FTCB 15-25	25	23 x 1,5	1404	150	25 m	0,25
557270	FTCB 15-30	30	23 x 2,0	1692	180	25 m	0,30
557280	FTCB 15-35	35	23 x 2,5	1980	200	25 m	0,35
557290	FTCB 15-40	40	25 x 2,5	2272	220	25 m	0,40
557300	FTCB 15-50	50	28 x 3	2848	250	25 m	0,50
557310	FTCB 15-60	60	30 x 3	3392	280	25 m	0,60
557320	FTCB 15-70	70	30 x 3,5	3968	290	25 m	0,70
557330	FTCB 15-75	75	30 x 4	4256	300	25 m	0,75
557340	FTCB 15-95	95	40 x 4	5376	340	25 m	0,95
557350	FTCB 15-100	100	40 x 4	5664	360	25 m	1,00

### FTCB 20

#### Flat tinned copper braids



- Standard wire diameter: 0,20 mm
- Extra long reels

Part No.	DESCRIPTION	Section mm <sup>2</sup>	mm	Number of strands	Nominal current A		
503500	FTCB 20-3	3	5 x 1	96	30	500 m	0,03
503510	FTCB 20-5	5	8 x 1	168	45	500 m	0,05
503520	FTCB 20-10	10	10 x 1,5	312	75	150 m	0,10
503530	FTCB 20-16	16	15 x 2	512	120	150 m	0,16
503540	FTCB 20-25	25	25 x 1,5	792	150	100 m	0,25

### FRCB 15

#### Flat plain copper braids



- Standard wire diameter: 0,15 mm
- 25 m coils

Part No.	DESCRIPTION	Section mm <sup>2</sup>	mm	Number of strands	Nominal current A		
557000	FRCB 15-3	3	5 x 1	168	30	25 m	0,03
557010	FRCB 15-5	5	8 x 1	283	45	25 m	0,05
557020	FRCB 15-8	8	8 x 1,5	456	65	25 m	0,08
557030	FRCB 15-10	10	10 x 1,5	576	75	25 m	0,10
557040	FRCB 15-16	16	15 x 1,5	896	120	25 m	0,16
557050	FRCB 15-20	20	20 x 1,5	1120	140	25 m	0,20
557060	FRCB 15-25	25	23 x 1,5	1404	150	25 m	0,25
557070	FRCB 15-30	30	23 x 2	1692	180	25 m	0,30
557080	FRCB 15-35	35	23 x 2,5	1980	200	25 m	0,35
557090	FRCB 15-40	40	25 x 2,5	2272	220	25 m	0,40
557100	FRCB 15-50	50	28 x 3	2848	250	25 m	0,50
557110	FRCB 15-60	60	30 x 3	3392	280	25 m	0,60
557120	FRCB 15-70	70	30 x 3,5	3968	290	25 m	0,70
557130	FRCB 15-75	75	30 x 4	4256	300	25 m	0,75
557140	FRCB 15-95	95	40 x 4	5376	340	25 m	0,95
557150	FRCB 15-100	100	40 x 4	5664	360	25 m	1,00

### FSSB 25

#### Stainless steel flat braids



- Standard wire diameter: 0,25 mm
- Stainless steel 304
- 25 m coils

Part No.	DESCRIPTION	mm <sup>2</sup>	mm		
557160	FSSB 25-16 <sup>2</sup>	16	15 x 1,5	25 m	0,14
557170	FSSB 25-25 <sup>2</sup>	25	23 x 1,5	25 m	0,22
557390	FSSB 25-50 <sup>2</sup>	50	30 x 3	25 m	0,44

### FTCBI

#### Insulated flat tinned copper braids

- Insulation in clear PVC, thickness 1 mm, self-extinguishing UL 94 VO
- Standard wire diameter: 0,15 mm
- 25 m coils
- Insulation voltage: 450 V
- Working temperature: up to 70°C

Part No.	DESCRIPTION	Section mm <sup>2</sup>	mm	Number of strands	Nominal current A		
510300	FTCBI 16	16	17 x 3,5	896	120	25 m	0,18
510310	FTCBI 25	25	25 x 3,5	1404	150	25 m	0,29
510320	FTCBI 35	35	25 x 4,5	1980	200	25 m	0,40
510340	FTCBI 50	50	30 x 5	2848	250	25 m	0,60



Standard wire diameter 0,15 mm - Extra long reels

503600	FTCBI 15-16	16	17 x 3,5	896	120	100 m	0,18
503610	FTCBI 15-25	25	25 x 3,5	1404	150	100 m	0,29
503620	FTCBI 15-35	35	25 x 4,5	1980	200	75 m	0,40

### RTCBI/RTCBI HL

#### Insulated round tinned copper braids

- Standard wire diameter 0,15 mm
- Insulation in clear PVC, thickness 1 mm, self-extinguishing UL 94 VO
- Insulation voltage: 450 V
- 25 m coils
- Working temperature: up to 70°C

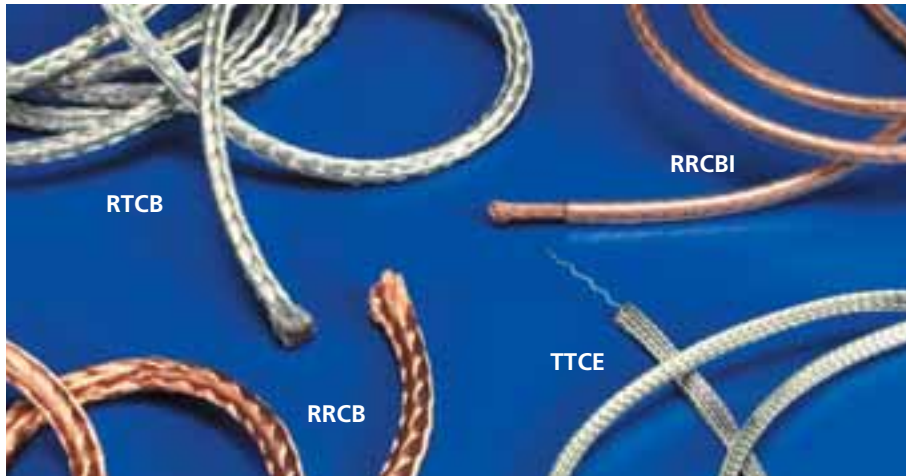
Part No.	DESCRIPTION	Section mm <sup>2</sup>	mm	Number of strands	Nominal current A		
503400	RTCBI 15-10	10	7	560	75	25 m	0,12
503410	RTCBI 15-16	16	8	900	120	25 m	0,18
503420	RTCBI 15-25	25	9,5	1416	150	25 m	0,25
503430	RTCBI 15-30	30	10	1680	180	25 m	0,35
503440	RTCBI 15-50	50	12,5	2820	250	25 m	0,58

Standard wire diameter 0,15 mm - Extra long reels

503800	RTCBI 15-10/HL	10	7	560	75	100 m	0,12
503810	RTCBI 15-16/HL	16	8	900	120	100 m	0,18
503820	RTCBI 15-25/HL	25	9,5	1416	150	100 m	0,28
503830	RTCBI 15-30/HL	30	10	1680	180	75 m	0,35

# Metallic Braids

## Copper Round and Tubular Braids



- A large range of braids for all your applications
- Bare or insulated
- Tubulars for shielding
- Stainless steel for corrosive environment

### RTCB/RTCB HL Tinned copper round braids

- Standard wire diameter : 0,15 mm
- 25 m coils



Part No.	DESCRIPTION	Section mm <sup>2</sup>	External dia in mm	Number of strands	Nominal current A		
557600	RTCB 15-6	6	4	352	45	25 m	0,06
557610	RTCB 15-8	8	4,5	464	65	25 m	0,08
557620	RTCB 15-10	10	5	560	75	25 m	0,10
557630	RTCB 15-16	16	6	900	120	25 m	0,16
557640	RTCB 15-25	25	8	1416	150	25 m	0,25
557650	RTCB 15-30	30	9	1680	180	25 m	0,30
557660	RTCB 15-50	50	11	2820	250	25 m	0,50
557670	RTCB 15-75	75	13,5	4236	300	25 m	0,75
557680	RTCB 15-100	100	17	5652	360	25 m	1,00

Standard wire diameter 0,15 mm - Extra long reels

503700	RTCB 15-10/HL	10	5	560	75	100 m	0,100
503710	RTCB 15-16/HL	16	6	900	120	100 m	0,160
503720	RTCB 15-25/HL	25	7,5	1416	150	100 m	0,250
503730	RTCB 15-30/HL	30	8	1680	180	75 m	0,300

### RRCB Plain copper round braids

- Standard wire diameter : 0,15 mm
- 25 m coils

Part No.	DESCRIPTION	Section mm <sup>2</sup>	External dia in mm	Number of strands	Nominal current A		
557400	RRCB 15-6	6	4	352	45	25 m	0,06
557410	RRCB 15-8	8	4,5	464	65	25 m	0,08
557420	RRCB 15-10	10	5	560	75	25 m	0,10
557430	RRCB 15-16	16	6	900	120	25 m	0,16
557440	RRCB 15-25	25	8	1416	150	25 m	0,25
557450	RRCB 15-30	30	9	1680	180	25 m	0,30
557460	RRCB 15-50	50	11	2820	250	25 m	0,50
557470	RRCB 15-75	75	14	4236	300	25 m	0,75
557480	RRCB 15-100	100	18	5652	360	25 m	1,00

### RRCBI Insulated plain copper round braids

- Standard wire diameter : 0,15 mm
- Insulation in clear PVC, thickness 1 mm
- Self-extinguishing UL 94 VO
- Insulation voltage : 450 V - 25 m coils

#### ON REQUEST SPECIAL MANUFACTURING:

- Tubular braids up to 60 mm dia maximum
- Flat or round copper braids up to 400 mm<sup>2</sup> maximum
- Insulation 105° C

Part No.	DESCRIPTION	Section mm <sup>2</sup>	External dia in mm	Number of strands	Nominal current A		
510500	RRCBI 15-10	10	7	560	75	25 m	0,10
510510	RRCBI 15-16	16	8	900	120	25 m	0,16

### TTCE Tubular braids

- For screening connecting cables between equipment used in an electromagnetically disturbed environment.
- Supplied with draw wire

Part No.	DESCRIPTION	Section mm <sup>2</sup>	DIAMETER (mm)				Number of strands	Ø wires mm	Nominal Current A		
			Int.	Covering %	Exp.	Covering %					
510100	TTCE 3	1,7	3	100%	6	90%	96	0,15	13	50 m	0,020
510110	TTCE 5	2,5	5	99%	10	92%	144	0,15	19	50 m	0,026
510120	TTCE 8	4,45	8	99%	16	95%	252	0,15	37	50 m	0,050
510130	TTCE 10	5,7	10	100%	20	92%	320	0,15	43	50 m	0,054
510140	TTCE 15	12	15	100%	30	94%	384	0,20	90	50 m	0,120
510150	TTCE 20	20,4	20	99%	40	87%	288	0,30	122	50 m	0,190
510160	TTCE 25	27,1	25	99%	50	92%	384	0,30	163	25 m	0,270
510170	TTCE 30	33,9	30	100%	60	90%	480	0,30	185	25 m	0,320
510180	TTCE 35	40,7	35	100%	70	94%	576	0,30	244	25 m	0,380

#### • Extra long reels

Part No.	DESCRIPTION	Section mm <sup>2</sup>	Ø Int. mm	Ø Exp. mm	Number of strands	Ø wires mm	Int. Nom.		
504690	TTCE 8/HL	6,8	8	16	216	0,20	37	200 m	0,050

# Sleeves

## Cabling Sleeves





- ERIFLEX® ZIPFLEX: Easy screening using ERIFLEX® specific tool
- Glass fiber & isolating silicone sleeves: resistant to high temperature



### ERIFLEX ZIPFLEX ERIFLEX ZIPFLEX SLEEVES



- Polypropylene
- Easy and quick screening
- Practical tool included in every box
- Color: black
- Usage maxi: T° 140° C
- Usage mini: T° - 30° C
- Continue: T° -30 till + 110° C
- Halogen free UL 94 HB



Part No.	DESCRIPTION	Internal dia. mm		
554880	ERIFLEX ZIPFLEX 8	8	100 m	0,015
554890	ERIFLEX ZIPFLEX 15	15	50 m	0,044
554900	ERIFLEX ZIPFLEX 20	20	30 m	0,070
554910	ERIFLEX ZIPFLEX 25	25	20 m	0,100



### FGBS GLASS FIBER BRAIDED SLEEVES

- Glass fiber impregnated with high temperature varnish
- Thermal insulation and mechanical protection
- Working temperature: -70°C up to 400°C
- Halogen free
- Flammability UL 1441 VW1
- Expandable on a 1 to 3 ratio basis

Part No.	DESCRIPTION	Nominal dia. mm	Max expanded dia. mm		
556200	FGBS 4	4	12	100 m	0,010
556210	FGBS 8	8	24	100 m	0,014
556220	FGBS 10	10	30	100 m	0,016
556230	FGBS 12	12	36	100 m	0,018
556240	FGBS 15	15	45	100 m	0,030
556250	FGBS 20	20	60	100 m	0,044

### SBS ISOLATING SILICONE SLEEVE

- Glass fiber coated with silicone
- Cost effective sleeve for insulation
- High flexibility
- Dielectric voltage: 2,5 Kv
- Working temperature: -60° up to 220°C
- Halogen free
- Flammability UL 1441 VW1

Part No.	DESCRIPTION	Nominal dia. mm		
554000	SBS 4	4	100 m	0,020
554010	SBS 6	6	100 m	0,038
554020	SBS 8	8	100 m	0,050
554030	SBS 10	10	100 m	0,054
554040	SBS 12	12	100 m	0,070
554050	SBS 15	15	25 m	0,111
554060	SBS 20	20	25 m	0,148
554070	SBS 25	25	30 m	0,185
554080	SBS 30	30	30 m	0,222

# Sleeves

## Cabling Sleeves

Products on this page are world wide and are not UL® Recognized



- Expandable cabling sleeves for many applications
- Wiring mechanical protection aesthetic
- Packed in easy dispense boxes



### PDBS

#### polyamide 6/6 BRAIDED SLEEVES

- Highly expandable
- Provide complete wire coverage up to Ø 80 mm
- Compact range: 10 parts only
- 2 colors: grey or black

	polyimide
Density (Kg/dm³)	1.14
Min. working T°	- 40°C
Max. working T°	+ 120°C
Max. T° 1s	240°C



Part No.	DESCRIPTION GREY	Part No.	DESCRIPTION BLACK	Diameter (mm)						Box	Weight
				Nom.	Covering %	Min.	Covering %	Max.	Covering %		
554430	PDBS 5G	554730	PDBS 5B	5	97%	4	100%	8	90%	100	0.010
554450	PDBS 8G	554750	PDBS 8B	8	94%	6	100%	10	91%	100	0.013
554460	PDBS 10G	554760	PDBS 10B	10	95%	8	100%	14	94%	100	0.014
554470	PDBS 12G	554770	PDBS 12B	12	96%	10	100%	16	94%	50	0.018
554490	PDBS 16G	554790	PDBS 16B	16	96%	14	100%	18	98%	50	0.022
554510	PDBS 20G	554810	PDBS 20B	20	95%	16	100%	25	99%	50	0.026
554530	PDBS 30G	554830	PDBS 30B	30	90%	20	100%	35	92%	50	0.029
554550	PDBS 40G	554850	PDBS 40B	40	90%	30	100%	45	94%	50	0.038
554560	PDBS 50G	554860	PDBS 50B	50	95%	40	100%	65	100%	50	0.048
554570	PDBS 70G	554870	PDBS 70B	70	94%	60	100%	80	99%	50	0.054

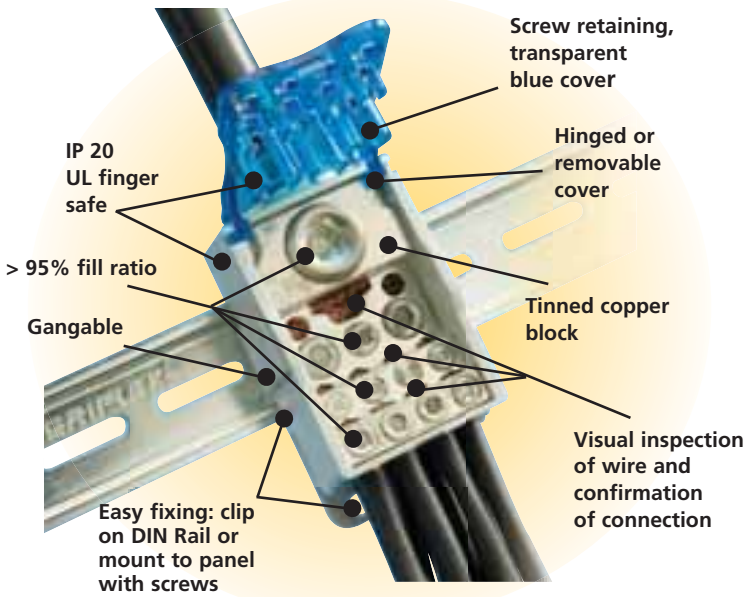
**\* ON REQUEST:**  
 - POLYESTER SLEEVES  
 - RILSAN SLEEVES  
 - OTHER MATERIAL ON STUDY

### ERIFLEX® SPIRFLEX ERIFLEX SPIRFLEX SPIRAL SLEEVES

- ERIFLEX SPIRFLEX I:
  - Flame - retardant polyethylene (M2)
  - Color: black
- ERIFLEX SPIRFLEX X
  - Colorless

Part No.	DESCRIPTION	Internal dia. mm	Color	Box	Weight
556000	ERIFLEX SPIRFLEX I 6	6		50 m	0.012
556010	ERIFLEX SPIRFLEX I 12	12	black	25 m	0.034
556020	ERIFLEX SPIRFLEX I 16	16		25 m	0.046
556030	ERIFLEX SPIRFLEX I 22	22		25 m	0.060
556100	ERIFLEX SPIRFLEX X 6	6	colorless	50 m	0.012
556110	ERIFLEX SPIRFLEX X 12	12		25 m	0.034

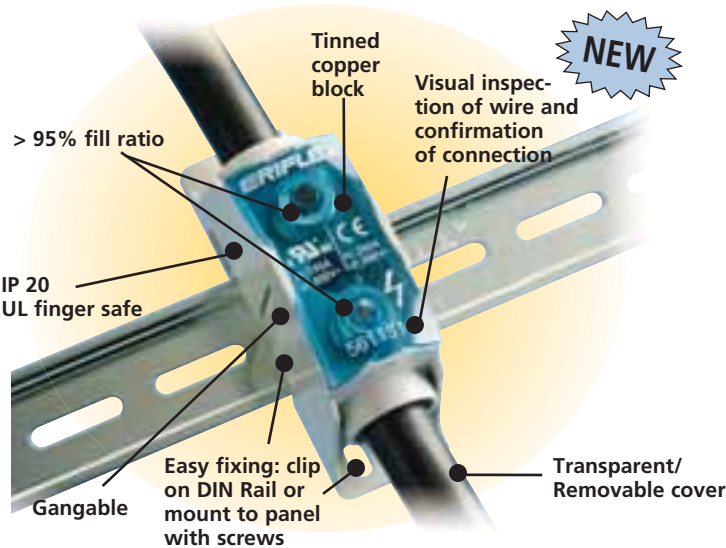
# Single Pole Distribution Blocks



## Compact

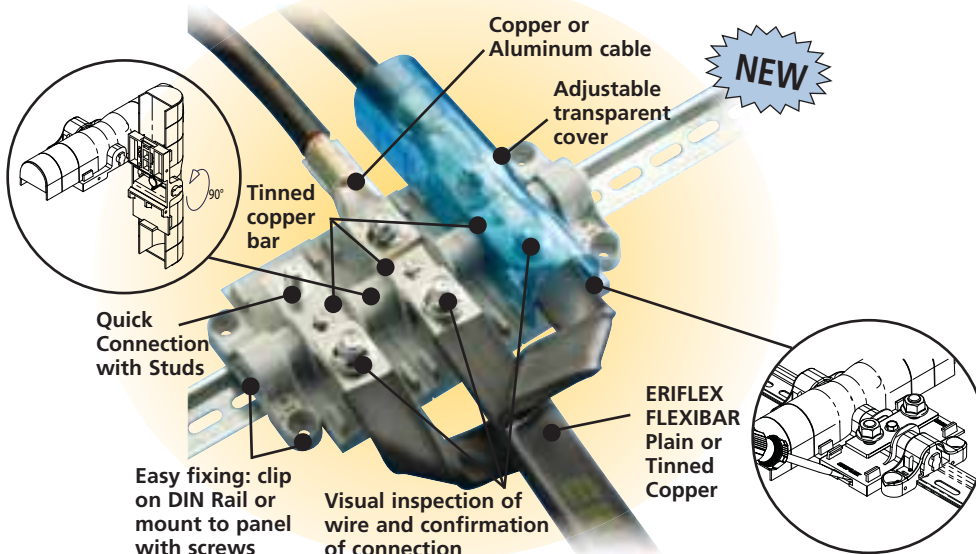
- UL® recognized for US and Canada (single pole only)
  - UL 1059
  - CSA® C22.2 NO. 158
- Tested and certified according to IEC 60947-7-1
- Short Circuit Current Rated up to 100 KA - See UL file E198301
- Halogen-free
- UL 94V-0
- $U_i = 1000V$  AC/DC IEC  
600V UL

# Power Blocks



- Tested and Certified according to IEC 60947-7-1  $U_i=1000V$
- UL recognized for US & Canada
- UL 1059  $U_i=600V$
- Short Circuit Current Rated up to 100 KA
- Halogen Free
- UL94 V-0
- RoHS Compliant

# Power Terminals



# Single Pole Distribution Blocks



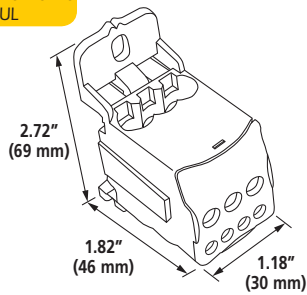
- Visual inspection of wire and confirmation of connection
- Halogen-free
- IP 20 finger safe
- 95% fill ratio
- Self extinguishing: UL94 V-0
- Tinned copper blocks: Copper or Aluminum Cable
- Short circuit current rated up to 100 KA - See UL file E198301
- RoHS Compliant

## UD 80 A 80 A - IEC 85 Amp - cRU<sup>us</sup>

- Modular: keeping only one input, the blocks can be supplied in parallel using a jumper wire. Easily double the neutral.

I = 80 A IEC  
I = 85 A UL/CSA

- Icw KA rms 1s : 3
- IPK KA : 22
- Ui : 1000 V AC/DC IEC
- Vin : 600 V UL



\* CENTER TO CENTER DRILLING: 2.12" (54 mm)

METRIC	mm <sup>2</sup>		Ø		I(N.m)
	6...16	x1	6.8		3,5
	2,5...6	x4	4.5		1,2
	2,5...16	x2	6.8		3,5

IMPERIAL	AWG		Ø		Torque inch/Lbs.
	16...4	x1	0.27		19.5
	16...8	x4	0.177		10.6
	16...4	x2	0.27		19.5

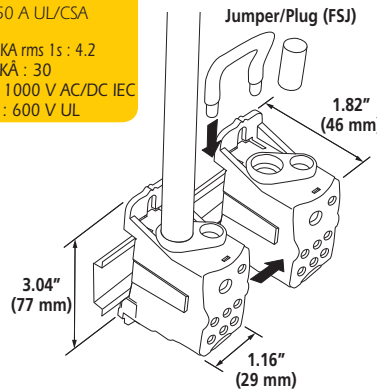
Part No.	DESCRIPTION		kg/lbs
569010	UD 80 A	1	0,07/0.15

## UDJ 125 A 125 A - IEC 150 Amp - cRU<sup>us</sup>

- Modular: keeping only one input, the blocks can be supplied in parallel using a jumper. Easily double the neutral.

I = 125 A IEC  
I = 150 A UL/CSA

- Icw KA rms 1s : 4.2
- IPK KA : 30
- Ui : 1000 V AC/DC IEC
- Vin : 600 V UL



\* CENTER TO CENTER DRILLING: 2.53" (64 mm)

METRIC	mm <sup>2</sup>		Ø		I(N.m)
	10...35	x1	10		8,5
	6...16**	x1	6.8		3,5
	2,5...16	x4  x6	6.8		3,5

\*\* or common jumper

IMPERIAL	AWG		Ø		Torque inch/Lbs.
	8...1/0	x1	0.394		57
	10...4	x1	0.27		31
	10...4	x6	0.27		31

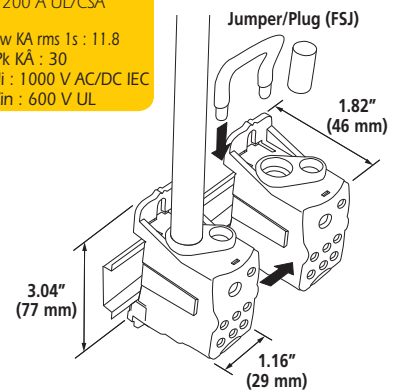
Part No.	DESCRIPTION		kg/lbs
569020	UDJ 125 A	1	0,15/0.33
569150	FSJ	25	0,03/0.07

## UDJ 160 A 160 A - IEC 200 Amp - cRU<sup>us</sup>

- Modular: keeping only one input, the blocks can be supplied in parallel using a jumper. Easily double the neutral.

I = 160 A IEC  
I = 200 A UL/CSA

- Icw KA rms 1s : 11.8
- IPK KA : 30
- Ui : 1000 V AC/DC IEC
- Vin : 600 V UL



\* CENTER TO CENTER DRILLING: 2.53" (64 mm)

METRIC	mm <sup>2</sup>		Ø		I(N.m)
	10...70	x1	12.3		8,5
	6...16**	x1	6.8		3,5
	2,5...16	x4  x6	6.8		3,5

\*\* or common jumper

IMPERIAL	AWG		Ø		Torque inch/Lbs.
	8...3/0	x1	0.484		75
	10...4	x1	0.27		31
	10...4	x6	0.27		31

Part No.	DESCRIPTION		kg/lbs
569030	UDJ 160 A	1	0,15/0.32
569150	FSJ	25	0,03/0.07



# Single Pole Distribution Blocks



- ERIFLEX FLEXIBAR connection at input, using flag terminals (FLG 250 A & FLG 400 A)

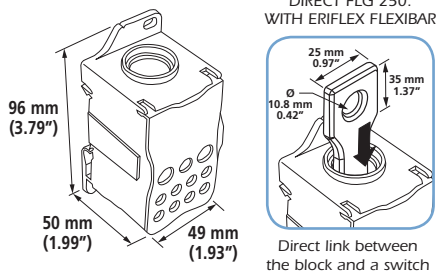
UL-1059

IEC 60947-7-1

**NEW**  
1000V IEC

## UD 250 A 250 A - IEC 255 Amp - cULus

- Modular: allows versatile building of power blocks single pole, two pole, three pole or four pole.



I = 250 A IEC  
I = 255 A UL/CSA

- Icw KA rms 1s : 24,5
- IPk KÅ : 51
- Ui : 1000 V AC/DC IEC
- Vin : 600 V UL

**CENTER TO CENTER DRILLING:**  
85 X 29 mm (3.35" x 1.14")

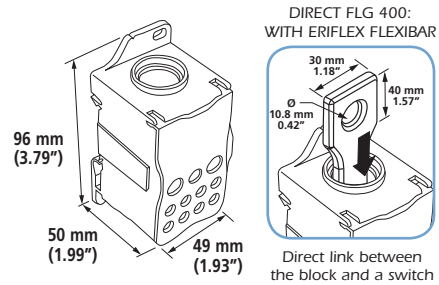
METRIC	mm <sup>2</sup>	mm <sup>2</sup>	Ø		I'(N.m)
	35...120		x1	15	19
	6...35	6...25	x2	9	4,4
	2,5...16	2,5...16	x5	6.8	2,7
	2,5...10	2,5...10	x4	6.1	2,7

IMPERIAL	AWG		Ø		Torque inch/Lbs.
	6...250 Kcmil	x1	0.59		168
	8...1	x2	0.354		39
	8...4	x5	0.27		24
	8...6	x4	0.24		24

Part No.	Description		kg/lbs
569040	UD 250 A	1	0,42/0.89
569160	FLG 250	10	0,05/0.12

## UD 400 A 400 A - IEC 335 Amp - cULus

- Modular: allows versatile building of power blocks single pole, two pole, three pole or four pole.



I = 400 A IEC  
I = 335 A UL/CSA

- Icw KA rms 1s : 24,5
- IPk KÅ : 51
- Ui : 1000 V AC/DC IEC
- Vin : 600 V UL

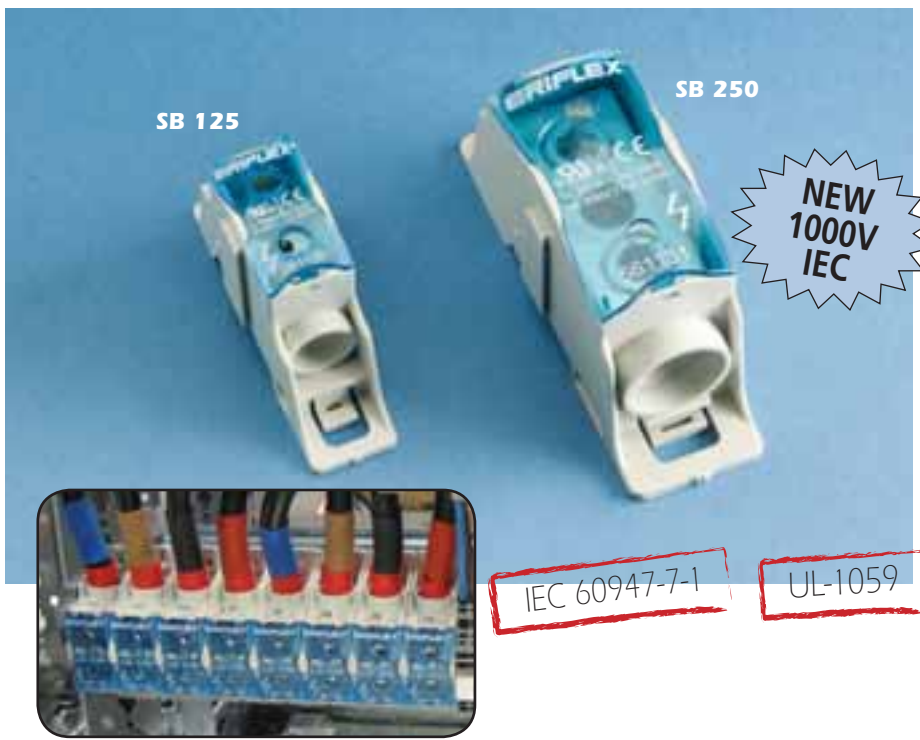
**CENTER TO CENTER DRILLING:**  
85 X 29 mm (3.35" x 1.14")

METRIC	mm <sup>2</sup>	mm <sup>2</sup>	Ø		I'(N.m)
	95...185		x1	19	25
	6...35	6...25	x2	9	4,4
	2,5...16	2,5...16	x5	6.8	2,7
	2,5...10	2,5...10	x4	6.1	2,7

IMPERIAL	AWG		Ø		Torque inch/Lbs.
	3/0...400 Kcmil	x1	0.748		221
	8...1	x2	0.354		39
	8...4	x5	0.27		24
	8...6	x4	0.24		24

Part No.	Description		kg/lbs
569050	UD 400 A	1	0,4/0.89
569170	FLG 400	10	0,1/0.21

# Power Blocks & Terminals

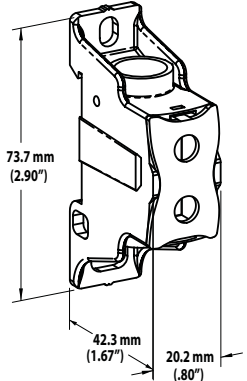


- Tinned Copper Block: Copper or Aluminum Cables
- Visual inspection of wire and confirmation of connection
- Halogen Free
- IP 20 UL® Finger Safe
- 95% Fill Ratio
- Self extinguishing: UL94 V-0
- Easy fixing: clip on din rail or mount to panel with screws
- Short Circuit Rated up to 100 KA - See UL file E198301
- RoHS Compliant

## SB 125 125 A - IEC 150 A - cULus

Modular: individual modules are stackable for multipole applications.

- I = 125 A IEC
- I = 150 A UL/CSA
- Icw KA rms 1s : 4.2
- IPk kA : 25
- Ui : 1000 V AC/DC IEC
- Vin : 600 V UL



\* CENTER TO CENTER DRILLING:  
61.6 mm (2.43")

METRIC	mm	I (N.m)	mm	I (N.m)		Ø	
	10...35	6.4	10...35	8.5	x1	10	
	10...35	6.4	10...35	8.5	x1	10	

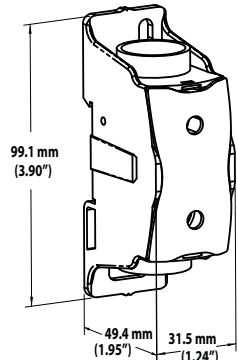
IMPERIAL	AWG	I (in/lb)		Ø	
	8...1/0	57	x1	0.394	
	8...1/0	57	x1	0.394	

Part No.	Description		kg/lbs
561130	SB 125	1	0,07/0.15

## SB 250 250 A - IEC 255 A - cULus

Modular: individual modules are stackable for multipole applications.

- I = 250 A IEC
- I = 255 A UL/CSA
- Icw KA rms 1s : 14.4
- IPk kA : 42
- Ui : 1000 V AC/DC IEC
- Vin : 600 V UL



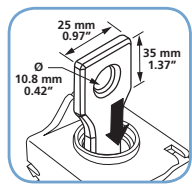
\* CENTER TO CENTER DRILLING:  
82.9 mm x 7.4 mm (3.26" x 0.29")

METRIC	mm	I (N.m)		Ø	
	35...120	19	x1	15	
	35...120	19	x1	15	

IMPERIAL	AWG	I (in/lb)		Ø	
	6...250 Kcmil	168	x1	0.59	
	6...250 Kcmil	168	x1	0.59	

Part No.	Description		kg/lbs
561131	SB 250	1	0,28/0.61

## FLG 250 (for SB250)



DIRECT FLG 250:  
WITH ERIFLEX® FLEXIBAR

Direct link between the block and a switch

Part No.	Description		kg/lbs
569160	FLG 250	10	0,05/0.12

# Power Blocks & Terminals

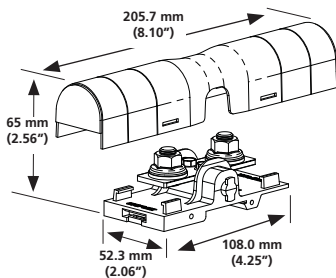
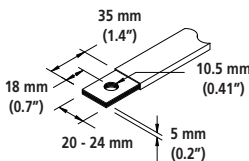
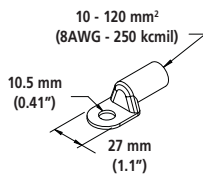


- Tinned Copper Bar
- Visual inspection of wire and confirmation of connection
- Quick connection with studs
- Easy connection on ERIFLEX® FLEXIBAR
- Adjustable transparent cover
- Halogen Free
- Self extinguishing: UL94 V-0
- Easy fixing: clip on din rail with end cap or mount to panel with screws
- Short Circuit Rated up to 100 KA - See UL file E198301
- RoHS Compliant

## SBLL 250 290 A - IEC 255 A - cULus

- Modular: individual modules are stackable for multipole applications.
- SBLEC required for direct panel mount.

- I = 290 A IEC  
I = 255 A UL/CSA
- Icw KA rms 1s : 14.4
  - IPk KÅ : 42
  - Ui : 1000 VAC/  
1500 VDC IEC
  - Vin : 1000 V UL

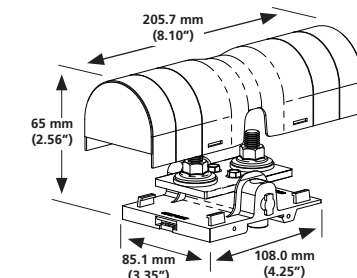
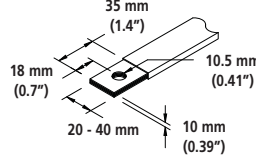
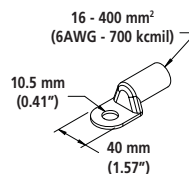


Part No.	Description		kg/lbs
561132	SBLL 250	1	0,16/0.35

## SBLL 500 750 A - IEC 475 A - cULus

- Modular: individual modules are stackable for multipole applications.

- I = 750 A IEC  
I = 475 A UL/CSA
- Icw KA rms 1s : 36
  - IPk KÅ : 51
  - Ui : 1000 VAC/  
1500 VDC IEC
  - Vin : 1000 V UL

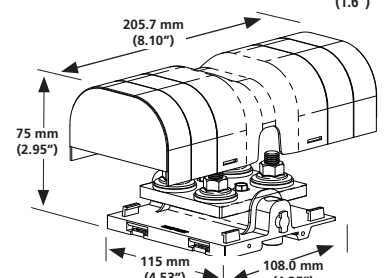
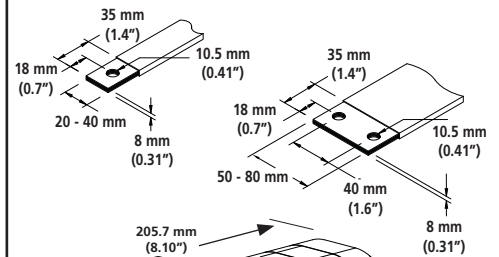
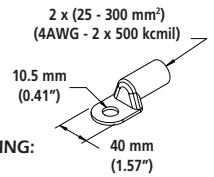


Part No.	Description		kg/lbs
561134	SBLL 500	1	0,34/0.75

## SBLL 800 1250 A - IEC 800 A - cULus

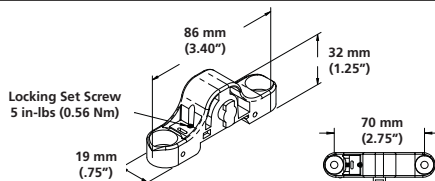
- Modular: individual modules are stackable for multipole applications.

- I = 1250 A IEC  
I = 800 A UL/CSA
- Icw KA rms 1s : 57.6
  - IPk KÅ : 75
  - Ui : 1000 VAC/  
1500 VDC IEC
  - Vin : 1000 V UL



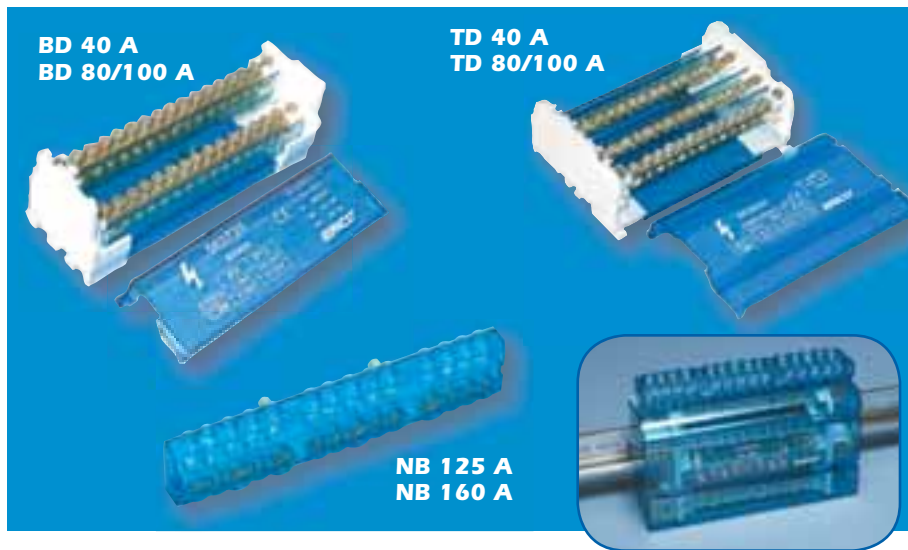
Part No.	Description		kg/lbs
561136	SBLL 800	1	0,7/1.54

## SBLEC



Part No.	Description		kg/lbs
561138	SBLEC	1	0,01/0.02

# Multi Pole Distribution Blocks



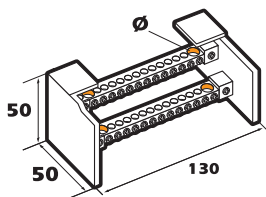
Products on this page are world wide and are not UL® Recognized

- Minimum space for maximum power
- Easy connections
- Protection: Transparent cover and screen
- Self extinguishing: UL94 V-0
- Safe connections
- Rail or screw mounting\*
- Wiring with or without terminal
- Halogen Free
- Rohs Compliant

IEC 60947-7-1

## 2 & 4 POLE 40 A

### 2 pole BD 40 A

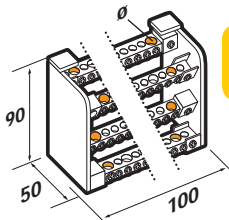


- Icw kA rms 1s : 4,5
- IPk kA : 22
- Ui : 500 V AC/DC

### BD 40 A - 16 TERMINALS

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
6-16	4-10	x2	6	2-3
1,5-4	0,75-4	x15	4,3	1,2-1,5

### 4 pole TD 40 A



- Icw kA rms 1s : 4,5
- IPk kA : 22
- Ui : 500 V AC

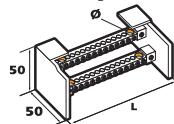
### TD 40 A - 12 TERMINALS

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
6-16	4-10	x2	6	2-3
1,5-4	0,75-4	x11	4,3	1,2-1,5

\* Center to drilling :  
 ▪ BD 40 A = 110 mm  
 ▪ TD 40 A = 80 mm

## 2 & 4 POLE 80/100 A

### 2 pole BD 80/100 A



- Icw kA rms 1s : 4,5
- IPk kA : 20
- Ui : 500 V AC/DC

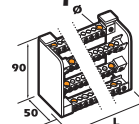
### BD 80/100 A - 6 TERMINALS

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
10...25	10...25	x1	8,5	2-3
1,5...4	0,75...4	x3	4,5	1,2-1,5
2,5...6	1,5...6	x3	5,5	2-3

### BD 80/100 AL - 14 TERMINALS

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
10...25	10...25	x2	8,5	2-3
1,5...4	0,75...4	x6	4,5	1,2-1,5
2,5...6	1,5...6	x7	5,5	2-3

### 4 pole TD 80/100 A



- Icw kA rms 1s : 4,5
- IPk kA : 20
- Ui : 500 V AC

### TD 80/100 A - 6 TERMINALS

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
10...25	10...25	x1	8,5	2-3
1,5...4	0,75...4	x3	4,5	1,2-1,5
2,5...6	1,5...6	x3	5,5	2-3

### TD 80/100 AL - 10 TERMINALS

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
10...25	10...25	x2	8,5	2-3
1,5...4	0,75...4	x4	4,5	1,2-1,5
2,5...6	1,5...6	x5	5,5	2-3

### TD 80/100 ALL - 14 TERMINALS

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
10...25	10...25	x2	8,5	2-3
1,5...4	0,75...4	x6	4,5	1,2-1,5
2,5...6	1,5...6	x7	5,5	2-3

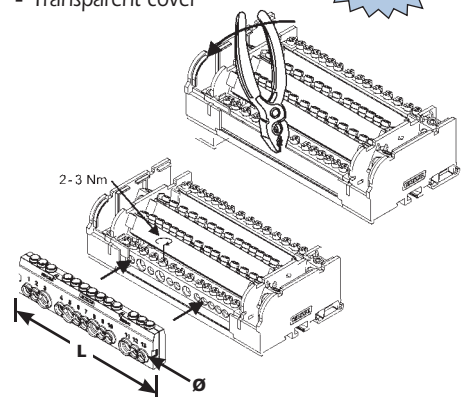
\* Center to drilling :  
 ▪ BD 80/100 A = 45 mm  
 ▪ BD 80/100 AL = 110 mm  
 ▪ TD 80/100 A = 45 mm  
 ▪ TD 80/100 AL = 80 mm  
 ▪ TD 80/100 ALL = 110 mm

Part No.	DESCRIPTION	L	kg/lbs
563900	BD 80/100 A	64	1
563910	BD 80/100 AL	130	1
563920	TD 80/100 A	64	1
563930	TD 80/100 AL	100	1
563940	TD 80/100 ALL	130	1

## NEUTRAL BARS

- Improved wiring capacity
- Direct electrical connection
- Strong mechanical assembly
- Transparent cover

NEW



Neutral Bar 563841	→	563830 - Solid Bar
Neutral Bar 563201	→	563840 - Solid Bar
Neutral Bar 563201	→	563200 - Solid Bar
Neutral Bar 563201	→	563990 - Solid Bar

### NB 125 A

- Icw kA rms 1s : 4,5
- IPk kA : 30

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
10-25	6-16	x3	7,5	2-3
2,5-6	1,5-6	x9	5,5	2-3

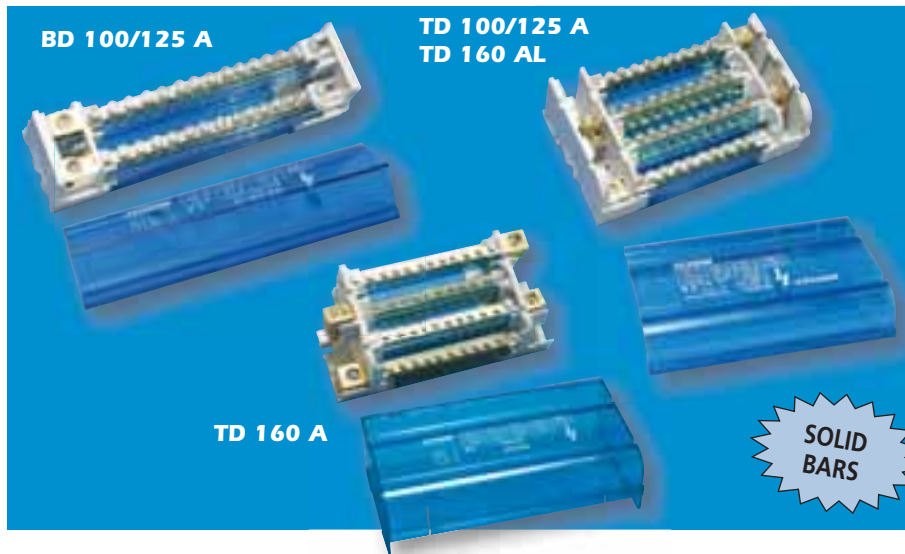
### NB 160 A

- Icw kA rms 1s : 6,2
- IPk kA : 35

Terminal Size	Terminal Size	Quantity	Ø	I(N.m)
10-35	10-25	x4	8,5	2-3
2,5-16	1,5-16	x10	7,2	2-3

Part No.	DESCRIPTION	L	kg/lbs
563841	NB 125 A	142	10
563201	NB 160 A	170	10

# Multi Pole Distribution Blocks



Products on this page are world wide and are not UL® Recognized

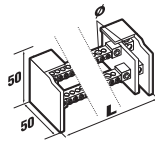
- Easy connections: Input separated from outputs
- Neutral bar: 125A & 160A
- Rail or screw mounting\*
- End large terminals: Safe connections
- New Design: solid bars provide reliability
- Improved Icc withstanding up to 35 KA
- Strong mechanical assembly

IEC 60947-7-1










## 2 & 4 POLE 100/125 A

### 2 pole BD 100/125 A







• Ui : 690 VAC/DC



#### BD 100/125 A - 6 TERMINALS

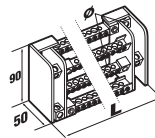
	 mm²	 mm²		Ø		I(N.m)
	10...35	10...35	x1	9,5		6-7
	2,5...6	1,5...6	x5	5,5		2-3
	10...25	6...16	x1	7,5		2-3

#### BD 100/125 AL - 14 TERMINALS










	10...35	10...35	x1	9,5		6-7
	2,5...6	1,5...6	x11	5,5		2-3
	10...25	6...16	x3	7,5		2-3

### 4 pole TD 100/125 A







• Ui : 690 VAC











#### TD 100/125 A - 6 TERMINALS

	 mm²	 mm²		Ø		I(N.m)
	10...35	10...35	x1	9,5		6-7
	2,5...6	1,5...6	x5	5,5		2-3
	10...25	6...16	x1	7,5		2-3

#### TD 100/125 AL - 10 TERMINALS

	10...35	10...35	x1	9,5		6-7
	2,5...6	1,5...6	x7	5,5		2-3
	10...25	6...16	x3	7,5		2-3



#### TD 100/125 ALL - 14 TERMINALS

	10...35	10...35	x1	9,5		6-7
	2,5...6	1,5...6	x11	5,5		2-3
	10...25	6...16	x1	7,5		2-3
	10...35	10...25	x2	8,5		2-3

\* Center to drilling :

- BD 100/125 A = 74 mm
- BD 100/125 AL = 142 mm

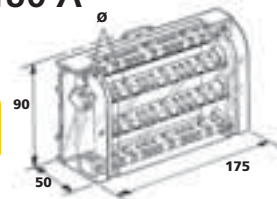
- TD 100/125 A = 89 mm
- TD 100/125 AL = 127 mm
- TD 100/125 ALL = 162 mm

Part No.	DESCRIPTION	l <sub>cw</sub>	l <sub>pk</sub>	L		
563800	BD 100/125 A	4,5	30	94	1	0,16
563810	BD 100/125 AL	4,5	25	162	1	0,27
563820	TD 100/125 A	4,5	30	109	1	0,33
563830	TD 100/125 AL	4,5	30	147	1	0,44
563840	TD 100/125 ALL	4,5	21	182	1	0,55












## 4 POLE 160 A

### TD 160 A

- l<sub>cw</sub> KA rms Is : 8,2
- IPk KA : 35
- Ui : 690 VAC



#### TD 160 A : 11 TERMINALS

	 mm²	 mm²		Ø		I(N.m)
	10...50	10...50	x1	12		8-10
	10...35	10...25	x3	8,5		2-3
	2,5...16	1,5...16	x7	7,2		2-3
	2,5...6	1,5...6	x1	5,5		2-3

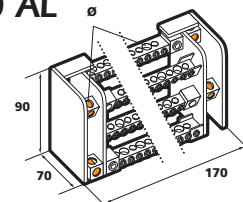
\* Center to center drilling : 160 mm

Part No.	DESCRIPTION		
563200	TD 160A	1	0.606










## 4 POLE 160 A

### TD 160 AL



- l<sub>cw</sub> KA rms Is : 8,2
- IPk KA : 35
- Ui : 690 VAC



#### TD 160 AL - 11 TERMINALS

	 mm²	 mm²		Ø		I(N.m)
	10...50	10...50	x1	12		8-10
	10...35	10...25	x3	8,5		2-3
	2,5...16	1,5...16	x8	7		2-3

\* Center to drilling : 150 mm.

Part No.	DESCRIPTION		
563990	TD 160 AL	1	0.74

# Insulators

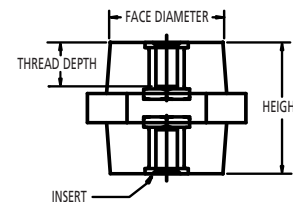
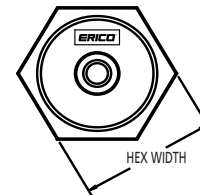


- Wide range of sizes from 1 inch to 3.5 inches
- Cost effective
- cULus recognized for strength and material
- Working range of -40°F to 266°F
- High resistance to leakage current

ERICO offers a full range of ERIFLEX® low-voltage stand-off insulators from 1 inch to 3.5 inches with a total of 29 sizes available. The cost-effective insulators offer great stability of electrical and mechanical parameters and very high resistance to leakage current.

The insulators are manufactured from a halogen-free fiberglass-reinforced thermalset unsaturated polyester molded compound (BMC). Their electro-plated zinc inserts are threaded to ASME® standards. The insulators work in temperatures from -40°F to 266°F.

The stand-off insulators meet the requirements of UL® 94 VO for self-extinguishing materials and are UL Recognized to Standard 891, Supplement B, Dead-front Switchboards and Accessories, 600 volt, File No. E125470. The insulators are also UL recognized for Canada for material and strength. ERIFLEX insulators are the first on the market to be in compliance with the CSA® standard.



DESCRIPTION	Part No.	Part Height	Hex Width	Thread Dia	Thread Depth	Face Dia	Voltage AC	Max Working Load		Qty/box	Weight ea. (lbs)
								Tensile	Cantilever		
ISO 1", 1/4-20*	559600	1	1-1/8	1/4	5/16	0.82	600	1500	350	50	0.057
ISO 1", 5/16-18*	559610	1	1-1/8	5/16	5/16	0.82	600	1500	350	50	0.059
ISO 1-1/4", 1/4-20	559620	1-1/4	1-5/8	1/4	5/16	1.41	750	2300	675	25	0.118
ISO 1-1/4", 3/8-16	559640	1-1/4	1-5/8	3/8	3/8	1.41	750	2300	675	25	0.141
ISO 1-3/8", 3/8-16	559650	1-3/8	1-3/4	3/8	3/8	1.43	750	2300	1200	25	0.208
ISO 1-1/2", 3/8-16	559660	1-1/2	2	3/8	3/8	1.68	1500	2300	1200	25	0.347
ISO 1-1/2", 1/4-20	559662	1-1/2	2	1/4	1/2	1.68	1500	2300	1200	25	0.273
ISO 1-1/2", 5/16-18	559663	1-1/2	2	5/16	1/2	1.68	1500	2300	1200	25	0.276
ISO 1-3/4", 3/8-16	559670	1-3/4	2	3/8	9/16	1.66	2000	3000	1200	25	0.382
ISO 1-3/4", 5/16-18	559671	1-3/4	2	5/16	1/2	1.66	2000	3000	1200	25	0.311
ISO 2", 1/2-13	559681	2	2	1/2	5/8	1.65	2300	3000	1200	25	0.426
ISO 2", 3/8-16	559680	2	2	3/8	9/16	1.65	2300	3000	1200	25	0.419
ISO 2", 5/16-18	559682	2	2	5/16	1/2	1.65	2300	3000	1200	25	0.354
ISO 2-1/8", 3/8-16	559683	2-1/8	2-1/2	3/8	5/8	2.14	2500	3000	1300	25	0.629
ISO 2-1/8", 1/2-13	559684	2-1/8	2-1/2	1/2	5/8	2.14	2500	3000	1300	25	0.655
ISO 2-1/8", 5/8-11	559685	2-1/8	2-1/2	5/8	5/8	2.14	2500	3000	1300	25	0.745
ISO 2-1/4", 1/2-13	559686	2-1/4	2-1/2	1/2	5/8	2.13	2700	4000	1400	25	0.687
ISO 2-1/4", 3/8-16	559687	2-1/4	2-1/2	3/8	5/8	2.13	2700	4000	1400	25	0.657
ISO 2-1/2", 1/2-13	559688	2-1/2	2-1/2	1/2	5/8	2.11	3200	4000	1400	10	0.743
ISO 2-1/2", 3/8-16	559689	2-1/2	2-1/2	3/8	5/8	2.11	3200	4000	1400	10	0.714
ISO 2-5/8", 5/8-11	559690	2-5/8	2-1/2	5/8	3/4	2.11	3400	4000	1400	10	0.858
ISO 2-3/4", 1/2-13	559691	2-3/4	2-1/2	1/2	5/8	2.10	3600	4000	1400	10	0.799
ISO 2-3/4", 3/8-16	559692	2-3/4	2-1/2	3/8	5/8	2.10	3600	4000	1400	10	0.770
ISO 3", 1/2-13	559693	3	2-1/2	1/2	5/8	2.08	4100	4000	1400	10	0.853
ISO 3", 3/8-16	559694	3	2-1/2	3/8	5/8	2.08	4100	4000	1400	10	0.824
ISO 3-1/4", 1/2-13	559695	3-1/4	2-1/2	1/2	5/8	2.06	4500	4000	1400	10	0.907
ISO 3-1/4", 3/8-16	559696	3-1/4	2-1/2	3/8	5/8	2.06	4500	4000	1400	10	0.878
ISO 3-1/2", 5/8-11	559697	3-1/2	2-1/2	5/8	3/4	2.05	5000	5000	1400	10	1.047
ISO 3-1/2", 3/8-16	559698	3-1/2	2-1/2	3/8	3/4	2.05	5000	5000	1400	10	0.950

\* Not recognized for strength

# Insulators

## ISO-TP Low Voltage Metric Insulators

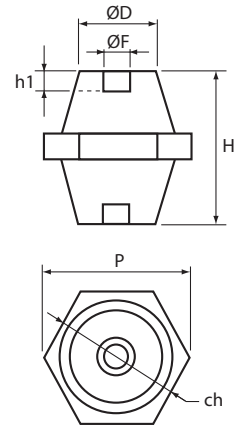


- Working temperature -40°C up to 130°C
- Polyamide material reinforced with glass fiber,
- Halogen free
- Zinc plated steel inserts, threaded to ISO standard
- Great stability of electrical and mechanical parameters
- Self-extinguishing: UL 94 VO

Part No.	Description	Dimensional characteristics						Nominal Voltage		Mechanical		kg	
		H mm	Ch mm	ØF mm	h1 mm	ØD mm	P mm	Alternating V	Direct V	Tensile strength ↓ daN	Bending strength ← daN		
548400	ISO TP 15M4	15	14	M4 X 0,7	4	12	16	500	500	150	100	50	0,005
548410	ISO TP 20M4	20	17	M4 X 0,7	4	15	20	1000	1500	150	100	50	0,008
548420	ISO TP 20M6	20	17	M6 X 1	6	15	20	1000	1500	150	100	50	0,012
548700	ISO TP 25M5	25	19	M5 X 0,8	6	18	20	1000	1500	300	160	50	0,016
548430	ISO TP 25M6	25	19	M6 X 1	6	18	20	1000	1500	300	160	50	0,016
548440	ISO TP 30M6	30	30	M6 X 1	8	26	34	1000	1500	600	300	25	0,034
548450	ISO TP 30M8	30	30	M8 X 1,25	8	26	34	1000	1500	600	300	25	0,046
548470	ISO TP 35M6L	35	41	M6 X 1	8	34	46	1000	1500	1100	500	25	0,062
548480	ISO TP 35M8	35	41	M8 X 1,25	8	34	46	1000	1500	1100	800	25	0,074
548490	ISO TP 35M10	35	41	M10 X 1,5	10	34	46	1000	1500	1100	800	25	0,092
548500	ISO TP 40M6	40	46	M6 X 1	9	40	53	1000	1500	1100	800	25	0,098
548510	ISO TP 40M8	40	46	M8 X 1,25	8	40	53	1000	1500	1100	800	25	0,104
548520	ISO TP 40M10	40	46	M10 X 1,5	10	40	53	1000	1500	1100	450	25	0,102
548511	ISO TP 40M12	40	46	M12 X 1,75	14,5	40	53	1000	1500	1100	450	25	0,102
548530	ISO TP 45M6	45	41	M6 X 1	9	34	47	1000	1500	1100	650	25	0,104
548540	ISO TP 45M8	45	41	M8 X 1,25	15	34	47	1000	1500	1100	650	25	0,136
548550	ISO TP 45M8L	45	50	M8 X 1,25	15	41	57	1000	1500	1800	1000	25	0,132
548560	ISO TP 45M10	45	50	M10 X 1,5	10	41	57	1000	1500	1800	700	25	0,116
548570	ISO TP 50M6	50	50	M6 X 1	9	41	57	1000	1500	2000	700	25	0,152
548580	ISO TP 50M8	50	50	M8 X 1,25	15	41	57	1000	1500	2000	1000	25	0,148
548590	ISO TP 50M10	50	50	M10 X 1,5	10	41	57	1000	1500	2000	1000	25	0,196
548581	ISO TP 50M12	50	50	M12 X 1,75	14,5	41	57	1000	1500	2000	1000	25	0,190
548600	ISO TP 60M8	60	55	M8 X 1,25	15	44	63	1000	1500	2200	1000	25	0,192
548610	ISO TP 60M10	60	55	M10 X 1,5	10	44	63	1000	1500	2200	1000	25	0,380
548601	ISO TP 60M12	60	55	M12 X 1,75	14,5	44	63	1000	1500	2200	1000	25	0,360
548602	ISO TP 60M16	60	55	M16 X 2	20	44	63	1000	1500	2200	1000	25	0,350
548609	ISO TP 70M10	70	65	M10 X 1,5	10	52	75	1000	1500	2200	1000	10	0,480
548620	ISO TP 70M12	70	65	M12 X 1,75	14	52	75	1000	1500	2500	1600	10	0,470
548630	ISO TP 70M16	70	65	M16 X 2	20	52	75	1000	1500	2500	1600	10	0,374
548629	ISO TP 75M10	75	65	M10 X 1,5	10	51	75	1000	1500	2200	1000	10	0,530
548640	ISO TP 75M12	75	65	M12 X 1,75	14	51	75	1000	1500	3000	1600	10	0,470
548650	ISO TP 75M16	75	65	M16 X 2	20	51	75	1000	1500	3000	1600	10	0,382
548660	ISO TP 80M12	80	65	M12 X 1,75	14	52	75	1000	1500	3000	1600	10	0,510
548670	ISO TP 80M16	80	65	M16 X 2	20	52	75	1000	1500	3000	1600	10	0,404
548680	ISO TP 100M12	100	65	M12 X 1,75	14	46	75	1000	1500	3000	1000	10	0,476
548690	ISO TP 100M16	100	65	M16 X 2	20	46	75	1000	1500	3000	1500	10	0,508

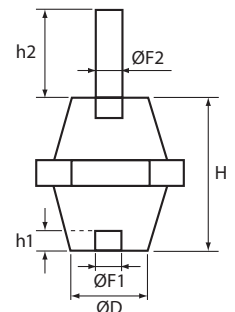
### Certificates

- CE Conformity
- RoHS 2002/95/EC Compliance
- IEC 60 439.1 compliance
- UL recognized E125470



### ON REQUEST:

- OTHER DIMENSIONS
- BRASS INSERTS



### Male/Female Insulators

Part No.	Description	Dimensional characteristics							Nominal Voltage		Mechanical		kg		
		H mm	Ch mm	ØF1 mm	h1 mm	ØF2 mm	h2 mm	ØD mm	P mm	Alternating V	Direct V	Tensile strength ↓ daN		Bending strength ← daN	
541600	ISO TP 60F10M16	60	55	M10 X 1,5	10	M16 X 2	40	44	63	1000	1500	2200	1000	25	0,45
541601	ISO TP 60F12M16	60	55	M12 X 1,75	14	M16 X 2	40	44	63	1000	1500	2200	1000	25	0,44

### NEW PARTS

## ISOBOLT

### INSULATOR MOUNTING KITS

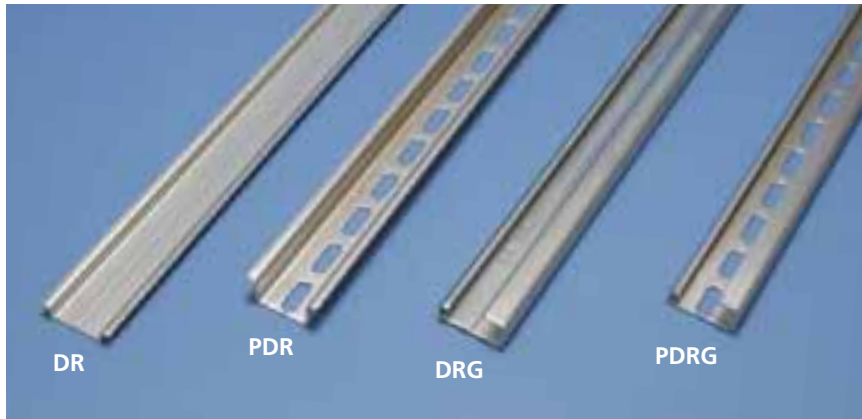
- Complete with stud, washer, lock washer, nut
- ISO M sizes
- Zinc plated steel



Part No.	DESCRIPTION	Thread	Length mm	kg
552200	ISOBOLT 25 M6	M6	25	0,008
552220	ISOBOLT 30 M8	M8	30	0,017

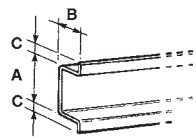
# DIN-Rail

## Steel Profiles



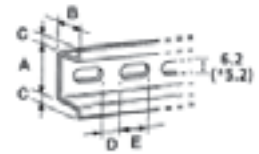
- Galvanized steel construction
- High mechanical resistance and high corrosion resistance
- Conforms to EN 50035 and 50022 and DIN 46277
- Available in symmetric, asymmetric profiles both perforated and solid

### DR SYMMETRIC PROFILES



Part No.	Description	Thickness mm	A mm	B mm	C mm	Lg m		
557700	DR 5.5 2M	10/10	10.5	5.5	2	2	15	0.73
557800	DR 7 2M	10/10	27	7.5	4	2	15	1.45
557900	DR 15 2M	15/10	27	15	4	2	15	2.87

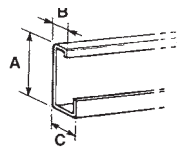
### PDR PERFORATED SYMMETRIC PROFILES



Part No.	Description	Thickness mm	A mm	B mm	C mm	D mm	E mm	Lg m		
557750	PDR 5.5 2M	10/10	10.5	5.5	2	7.8	12.2	2	15	0.62
557850	PDR 7 2M	10/10	27	7.5	4	7	18	2	15	1.37
557855	PDR 7 2M*	10/10	27	7.5	4	10	25	2	15	1.37
557950	PDR 15 2M	15/10	27	15	4	7	18	2	15	2.65
557955	PDR 15 2M*	10/10	27	15	4	10	25	2	15	2.65

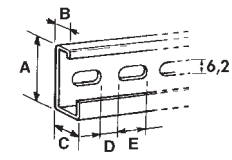
\*Slot width to be 5.2

### DRG ASYMMETRIC PROFILES



Part No.	Description	Thickness mm	A mm	B mm	C mm	Lg m		
558000	DRG 2M	15/10	32	9	15	2	15	1.40

### PDRG PERFORATED ASYMMETRIC PROFILES



Part No.	Description	Thickness mm	A mm	B mm	C mm	D mm	E mm	Lg m		
558050	PDRG 2M	15/10	32	9	15	7	18	2	15	3.04

**CUT TO ORDER  
LENGTH AVAILABLE**



# Copper Busbars and Earthing Parts

Products on this page are world wide and are not UL® Recognized

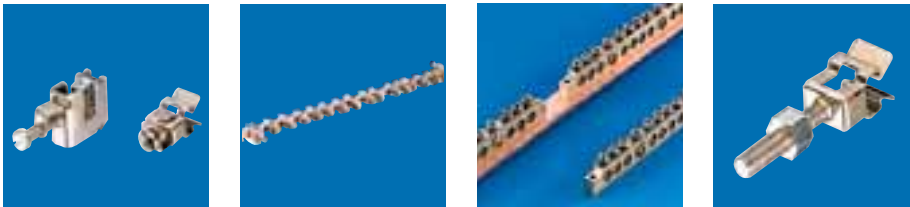
## THREADED BUSBARS



## PUNCHED AND PLAIN BARS



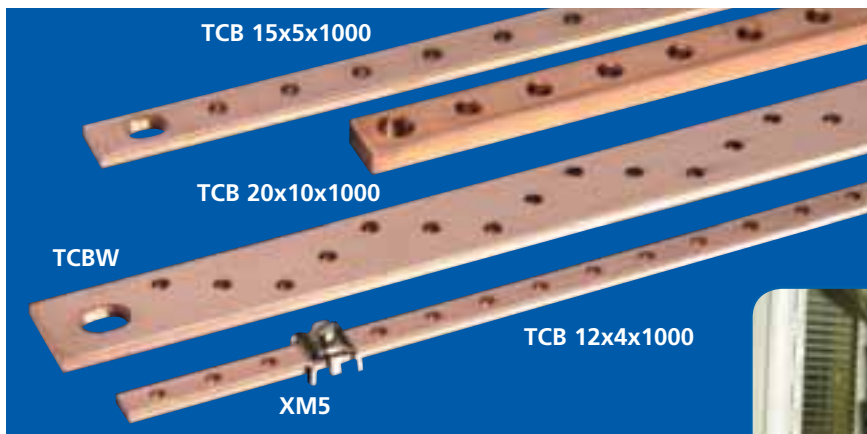
## EARTHING PARTS



# Copper Busbars

## Threaded Bars

Products on this page are world wide and are not UL® Recognized



- Electrolytic copper
- Rounded corners
- Thickness: from 2 to 10 mm
- Length: from 1000 to 2000 mm



### TCB

..x 5 x 1000 mm

- THREADED BUSBARS
- Thickness 5 mm
- Threaded M5, M6
- Length 1000 mm



Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	Box	Weight
549220	TCB 12 X 5	12	5	18	-	M5	4	0.50
550210	TCB 15 X 5	15	5	25	8X12	M6	4	0.65
550220	TCB 20 X 5	20	5	25	10X14	M6	4	0.85
550230	TCB 32 X 5	32	5	25	12X16	M6	4	1.35

### TCB

..x 5 x 2000 mm

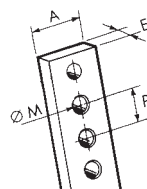
- THREADED BUSBARS
- Thickness 5 mm
- Threaded M6
- Length 2000 mm

Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	Box	Weight
549000	TCBS 15 X 5	15	5	17.5	8X12	M6	4	1.19
549010	TCB 20 X 5	20	5	25	10X14	M6	4	1.67
549020	TCB 30 X 5	30	5	25	12X16	M6	4	2.50

### TCB

..x 2/4 x 1000 mm

- THREADED BUSBARS
- Thickness 2, 4 mm
- Threaded M5, M6, M8
- Length 1000 mm



Part No.	DESCRIPTION	A mm	E mm	P mm	ØM	Box	Weight
549230	TCB 12X2X1000	12	2	18	M5	10	0.300
550200	TCB 12X4X1000	12	4	18	M5	10	0.430
549200	TCB 18X4X1000	18	4	20	M8	4	0.600
549210	TCB 25X4X1000	25	4	20	M6	4	0.800

### TCB

12 x 4 x 2000 mm

- THREADED BUSBARS 12X4
- Thickness 4 mm
- Threaded M5
- Length 2000 mm

Part No.	DESCRIPTION	A mm	E mm	P mm	ØM	Box	Weight
550190	TCB 12X 4X2000	12	4	18	M5	10	0.850

### Connector XM5

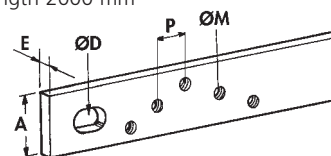
FOR 12 X 4 THREADED BUSBARS

Part No.	DESCRIPTION	Box	Weight
550250	Connector XM5	100	0.010

### TCBW

• THREADED BUSBARS 32 x 5W

- Connections: 40% more
- Thickness 5 mm
- Threaded M6
- Length 2000 mm

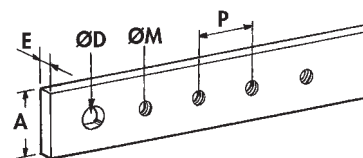


Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	Box	Weight
549030	TCBW 32X5X2000	32	5	17.5	12X16	M6	4	2.65

### TCB

..x 10 x 1000/2000 mm

- THREADED BUSBARS
- Thickness 10 mm
- Threaded M8
- Length 1000 and 2000 mm



Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	Box	Weight
550290	TCB 20X10X1000	20	10	25	10	M8	4	1.67
550180	TCB 30X10X1000	30	10	25	10	M8	4	2.50

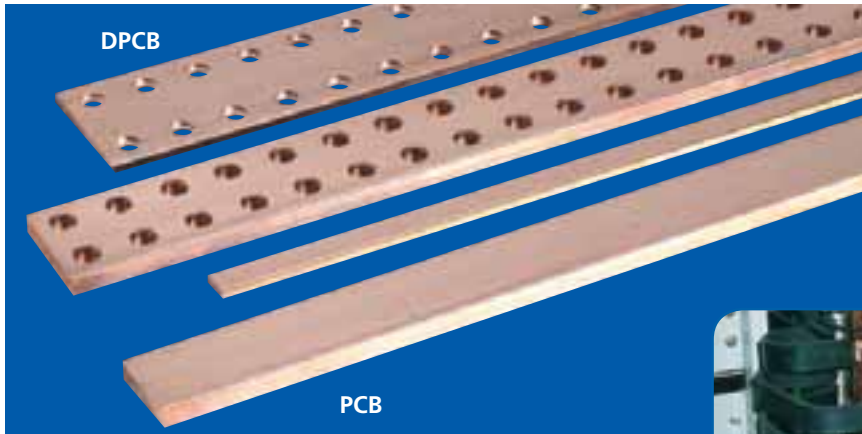
Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	Box	Weight
550160	TCB 30X10X2000	30	10	25	10	M8	2	5.4

OTHER CUSTOM THREADED BARS ON REQUEST

# Copper Busbars

## Punched and Plain Bars

Products on this page are world wide and are not UL® Recognized



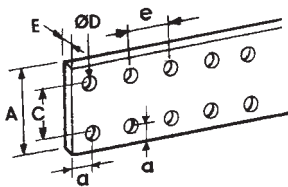
- Design and assembly time saving
- Current: up to 7400 A
- Thickness: from 4 to 10 mm
- Length: from 1000 to 4000 mm



### DPCB Punched Busbars

Thickness 5 mm

- Length 1750 mm
- Width 25 to 125 mm



Part No.	DESCRIPTION	A mm	C mm	a mm	e mm	ØD mm		
550400	DPCB 25 X 5	25		12.5	25	10.5	2	1.40
550410	DPCB 50 X 5	50	25	12.5	25	10.5	2	3.40
550420	DPCB 63 X 5	63	38	12.5	25	10.5	2	4.40
550430	DPCB 80 X 5	80	55	12.5	25	10.5	2	5.70
550440	DPCB 100 X 5	100	75	12.5	25	10.5	2	7.25
550450	DPCB 125 X 5	125	100	12.5	25	10.5	2	9.20

Thickness 10 mm

- Length 1750 mm
- Width 50 to 120 mm

Part No.	DESCRIPTION	A mm	C mm	a mm	e mm	ØD mm		
550350	DPCB 50 X 10	50	25	12.5	25	10.5	2	6.8
550360	DPCB 60 X 10	60	35	12.5	25	10.5	2	8.8
550370	DPCB 80 X 10	80	55	12.5	25	10.5	2	11.4
550380	DPCB 100 X 10	100	75	12.5	25	10.5	2	14.5
550390	DPCB 120 X 10	120	95	12.5	25	10.5	2	18.4

### PCB Plain Busbars

Thickness 4 or 5 mm

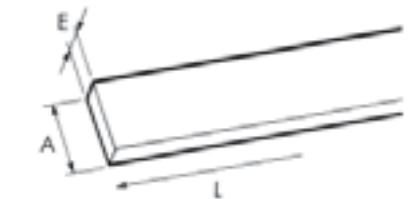
- Length 1000 and 2000 mm

Part No.	DESCRIPTION	L mm	A mm	E mm		
550780	PCB 12 X 4 X 1000	1000	12	4	10	0.430
550790	PCB 12 X 4 X 2000	2000	12	4	10	0.850
550770	PCB 12 X 5 X 2000	2000	12	5	10	1.062

Thickness 5 mm

- Length 2000 - 4000 mm
- Width 20 to 125 mm

Part No.	DESCRIPTION	L mm	A mm	E mm		
549600	PCB 2 m 25 X 5	2000	25	5	2	2.20
549610	PCB 2 m 50 X 5	2000	50	5	2	4.50
549620	PCB 2 m 63 X 5	2000	63	5	2	5.60
549630	PCB 2 m 80 X 5	2000	80	5	2	7.10
549640	PCB 2 m 100 X 5	2000	100	5	2	8.90
549650	PCB 2 m 125 X 5	2000	125	5	2	11.10
550600	PCB 4 m 20 X 5	4000	20	5	10	3.56
550610	PCB 4 m 25 X 5	4000	25	5	10	4.45
550620	PCB 4 m 30 X 5	4000	30	5	10	5.34
550630	PCB 4 m 40 X 5	4000	40	5	10	7.12
550640	PCB 4 m 50 X 5	4000	50	5	10	8.90
550650	PCB 4 m 60 X 5	4000	60	5	10	10.68
550660	PCB 4 m 80 X 5	4000	80	5	10	14.24
550670	PCB 4 m 100 X 5	4000	100	5	5	17.80
550680	PCB 4 m 125 X 5	4000	125	5	5	22.24



Thickness 10 mm

- Length 2000 - 4000 mm
- Width 30 to 200 mm

Part No.	DESCRIPTION	L mm	A mm	E mm		
549700	PCB 2 m 30 X 10	2000	30	10	2	5.30
549710	PCB 2 m 40 X 10	2000	40	10	2	7.10
549720	PCB 2 m 50 X 10	2000	50	10	2	8.90
549730	PCB 2 m 60 X 10	2000	60	10	2	10.70
549740	PCB 2 m 80 X 10	2000	80	10	2	14.20
549750	PCB 2 m 100 X 10	2000	100	10	2	17.80
549760	PCB 2 m 120 X 10	2000	120	10	2	21.40
550970	PCB 4 m 30 X 10	4000	30	10	5	10.69
550980	PCB 4 m 40 X 10	4000	40	10	5	14.25
550990	PCB 4 m 50 X 10	4000	50	10	5	17.80
550910	PCB 4 m 60 X 10	4000	60	10	5	21.35
550920	PCB 4 m 80 X 10	4000	80	10	5	28.50
550930	PCB 4 m 100 X 10	4000	100	10	2	35.60
550940	PCB 4 m 120 X 10	4000	120	10	2	42.80
550950	PCB 4 m 160 X 10	4000	160	10	2	57.00
550960	PCB 4 m 200 X 10	4000	200	10	2	71.00

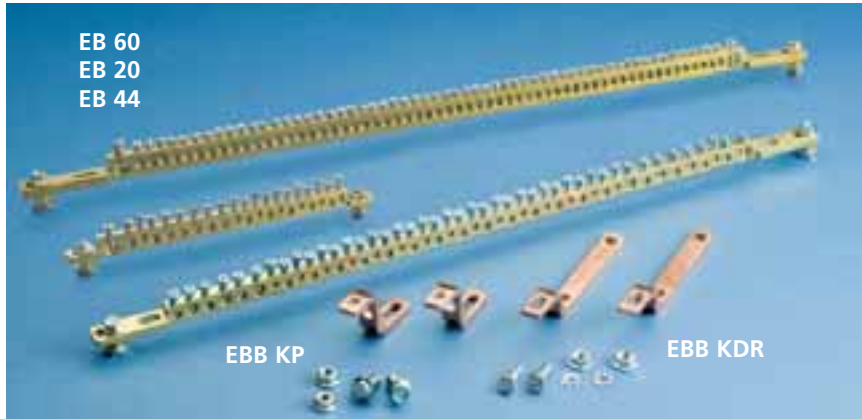


**ON REQUEST:  
INSULATED  
RIGID BARS**

**MADE TO ORDER  
PUNCHED BUSBAR  
AVAILABLE IN USA/CANADIAN  
STANDARD SIZES**

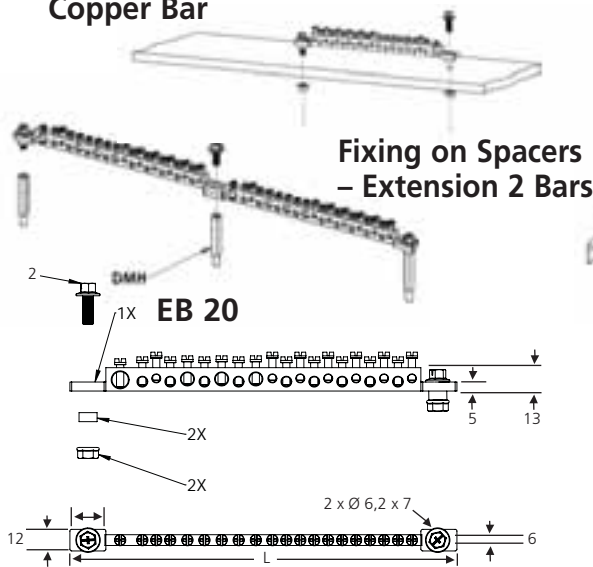
# Earthing Parts

## Earthing Parts

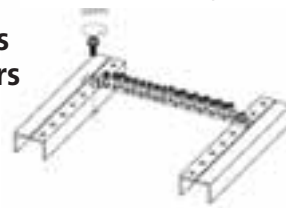


- Universal fixing
- Numerous connections
- Easy connections due to chamfer
- Rigid bar
- High conductivity brass quality
- Copper Brackets kit for easy fixing

### Fixing on Copper Bar



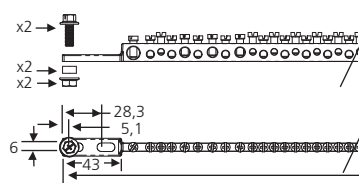
### Direct Fixing



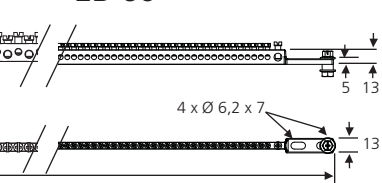
Ø	<12 mm			EB20	EB44	EB60
9,1 mm	16 - 35 mm <sup>2</sup>	10 - 35 mm <sup>2</sup>	2 Nm	x1	x1	x1
7,0 mm	4 - 16 mm <sup>2</sup>	2,5 - 16 mm <sup>2</sup>	2 Nm	x3	x6	x1
5,3 mm	2,5 - 6 mm <sup>2</sup>	1,5 - 6 mm <sup>2</sup>	1,5 Nm	x9	x21	
4,5 mm	1,5 - 4 mm <sup>2</sup>	0,75 - 4 mm <sup>2</sup>	1,5 Nm	x7	x17	x58

Part No.	DESCRIPTION	L		
568660	EARTH BAR EB 44	462	1	0,300
568661	EARTH BAR EB 60	462	1	0,311
568662	EARTH BAR EB 20	215	1	0,193

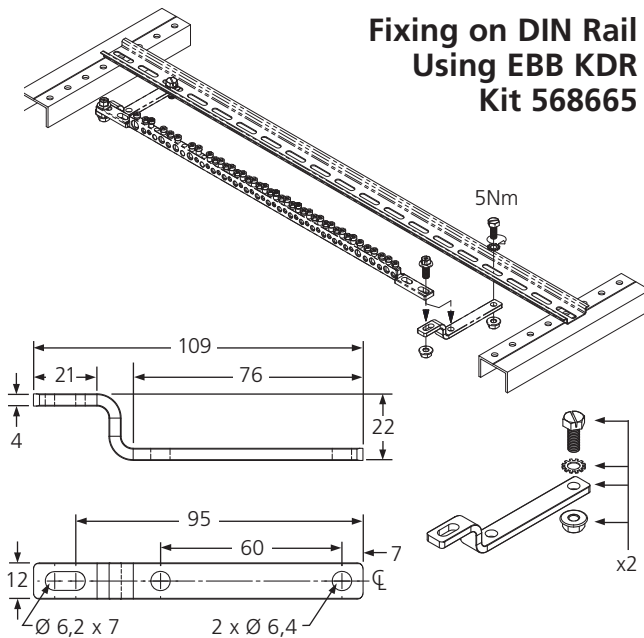
### EB 44



### EB 60

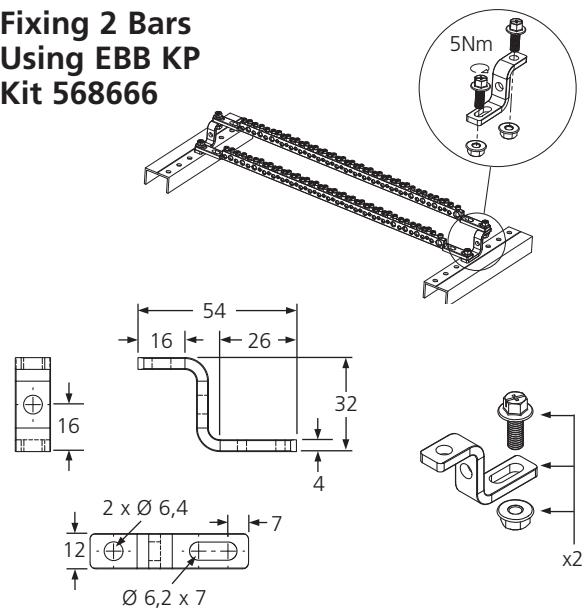


### Fixing on DIN Rail Using EBB KDR Kit 568665



Part No.	DESCRIPTION		
568665	EBB KDR KIT DIN RAIL	1	0,064

### Fixing 2 Bars Using EBB KP Kit 568666

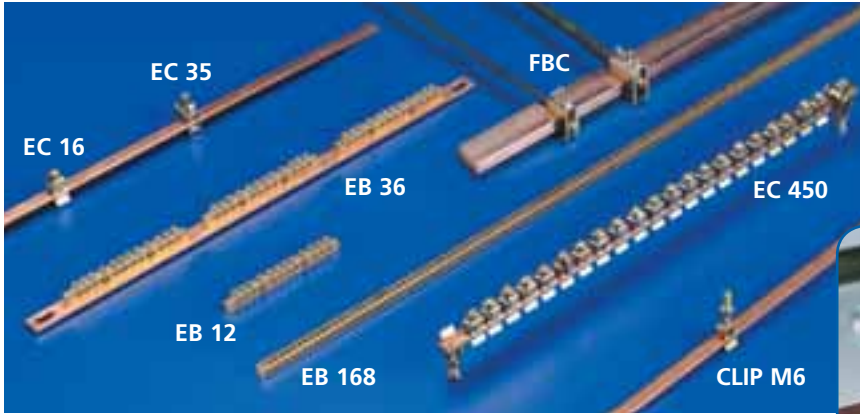


Part No.	DESCRIPTION		
568666	EBB KP KIT PLATE	1	0,102

# Earthing Parts

## Earthing Parts

Products on this page are world wide and are not UL® Recognized

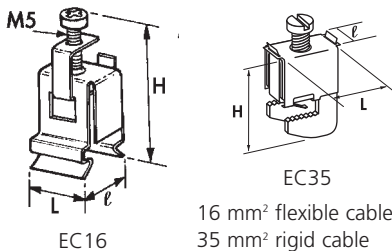


- Quick and easy connections
- Large and versatile range
- Connections: from 2.5 to 35 mm<sup>2</sup>



### EC Earthing Connectors

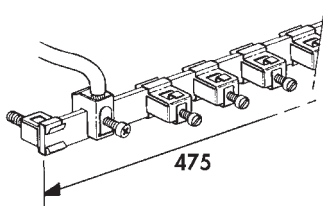
- FOR PLAIN BARS 12 x 4 and 12 x 5 with rounded corners
- Conductor is clamped through a pressure plate
- Connectors will slide and self-support before fixing of conductor
- Single screw locks clamp and makes connection
- Connections can be added after bar has been mounted



Part No.	DESCRIPTION	L mm	l mm	H mm		
553460	EC 16 <sup>2</sup> -4	17	14	38	20	0.010
553480	EC 16 <sup>2</sup> -5	17	14	38	20	0.010
553470	EC 35	23	11.5	27	20	0.025

### KIT EC 450 Earthing Kit

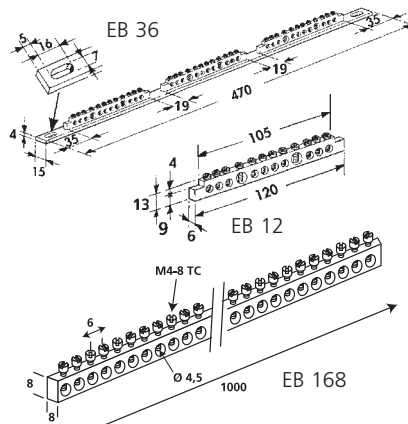
- Plain bar 12 x 4 x 475 mm long.
- 1 connector 35 mm<sup>2</sup>
- 20 connectors 16 mm<sup>2</sup> + 2 mounting clips



Part No.	DESCRIPTION		
562100	KIT EC 450	1	0.362

### EB Earthing and Neutral Busbar

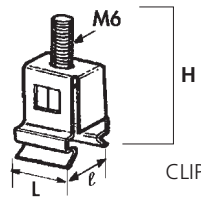
- EB 12: earthing brass busbar 13 x 6 for 10 connections 16 mm<sup>2</sup> and 2 connections 35 mm<sup>2</sup>
- EB 36: earthing copper busbar 15 x 4 equipped with 3 EB12
- EB 168: earthing brass busbar 8 x 8 for 168 connections 10 mm<sup>2</sup> maxi



Part No.	DESCRIPTION		
568610	EB 12	10	0.068
568620	EB 36	10	0.456
568630	EB 168	10	0.454

### CLIP M6 Mounting Clip

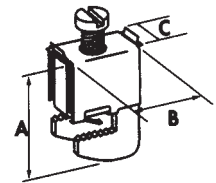
- FOR PLAIN BARS 12 X 4 and 12 X 5



Part No.	DESCRIPTION	L mm	l mm	H mm		
553450	CLIP M6-4	17	14	38	20	0.010
553490	CLIP M6-5	17	14	38	20	0.010

### FBC Connectors for Connecting without Drilling

- Very compact connector for connecting without drilling to a 5 or 10 mm thick busbar
- Cables from 1 mm<sup>2</sup> up to 185 mm<sup>2</sup> or ERIFLEX® FLEXIBAR width 6 to 20 mm
- Self-support of connector during mounting procedure



Connectors for busbars thickness 5 mm

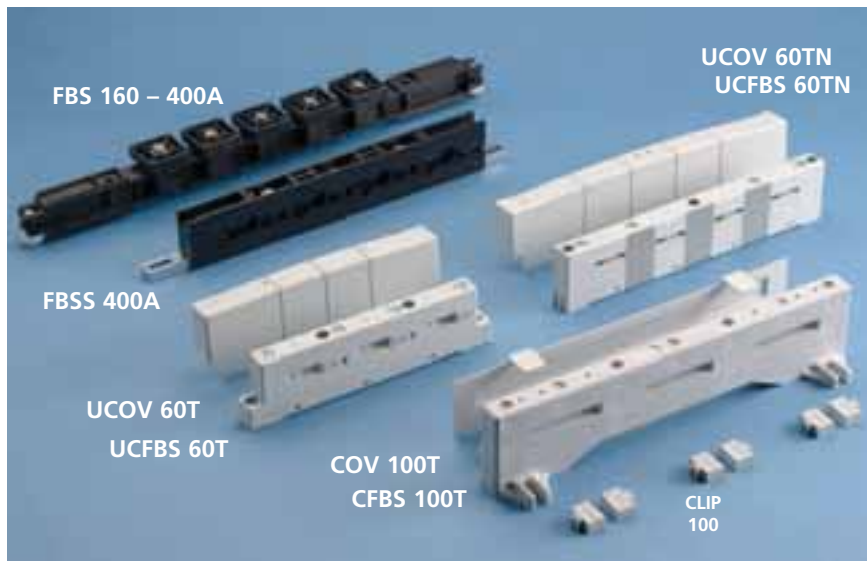
Part No.	DESCRIPTION	A mm	B mm	C mm	ERIFLEX FLEXIBAR type	Torque N.m	CABLE SIZE mm <sup>2</sup>		
553405	FBC 5X4	23	29	11		2	1-4	15	0.018
553400	FBC 5X6	27	23	11.5	6 mm	3	2.5-16	15	0.028
553410	FBC 5X9	38	40	19	9 mm	6-8	16-50	15	0.068
553510	FBC 5X15.5	44	40	25	15.5 mm	10-12	35-70	15	0.11
553520	FBC 5X20	49	40	31	20 mm	12-15	70-185	15	0.108

Connectors for busbars thickness 10 mm

Part No.	DESCRIPTION	A mm	B mm	C mm	ERIFLEX FLEXIBAR type	Torque N.m	CABLE SIZE mm <sup>2</sup>		
553505	FBC 10X4	28	29	11		2	1-4	15	0.02
553430	FBC 10X6	33	23	11.5	6 mm	3	2.5-16	15	0.03
553440	FBC 10X9	42	40	19	9 mm	6-8	16-50	15	0.007
553530	FBC 10X15.5	49	40	25	15.5 mm	10-12	35-70	15	0.114
553540	FBC 10X20	54	40	31	20 mm	12-15	70-185	15	0.134

# Busbar Supports

## Flat Busbar Supports

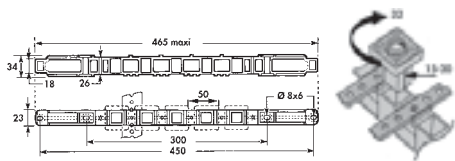


- Universal versatile support
- Minimum space requirement
- Working temperature: -40°C up to 130°C
- Self extinguishing UL 94 VO

**IEC 60439.1**

### FBS 160 – 400A

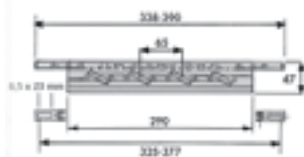
- For threaded bars 15-20-32 x 5 mm, 3 phase & neutral circuit
- Plastic positioning pin for bar location
- A screen can be fixed using spacers
- An earth can be mounted on either right or left side
- Halogen free



Part No.	DESCRIPTION	Bar width mm	Bar thickness mm		
551350	FBS 400A	15-20-32	5	1	0,30

### FBSS 400A

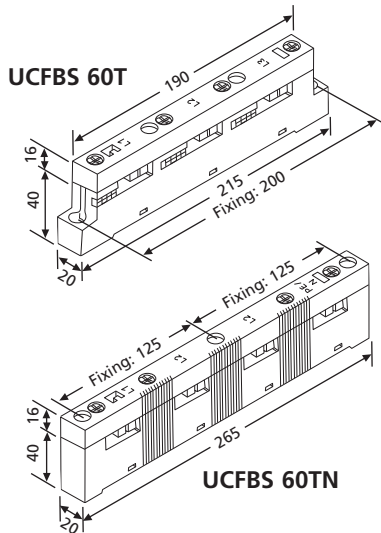
- For bars 32 x 5 without drilling
- Easy connection (inclined bars)
- Adjustable arms for an easy mounting and M6 screw included in the packaging
- Provision for fixing protective screen with self-tapping screws
- Halogen free



Part No.	DESCRIPTION		
551190	FBSS 32 x 5	2	0,316

### UCFBS 60 T-TN 160 – 630A

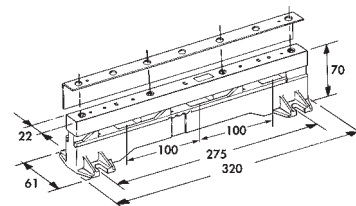
- Bar thickness 5 & 10 mm
- Versatile support for bars 15, 20, 25 and 30 mm
- UL 94 VO
- Max. temp.: 130°C
- End cover 562710 and 562760 to cover busbar ends



Part No.	DESCRIPTION				
562700	UCFBS 60 T	15-30 x 5	15-30 x 10	4	0,190
562710	UCOV 60 T			10	0,028
562750	UCFBS 60 TN	15-30 x 5	15-30 x 10	3	0,262
562760	UCOV 60 TN			10	0,034

### CFBS 100 T 630 – 1200A

- Bar thickness 10 mm
- Versatile support for bars 30, 40, 50 and 60 – using the clips
- UL 94 VO
- Max. temp.: 130°C
- End cover 562810 to cover busbar ends



Part No.	DESCRIPTION		Number clip per phase		
562800	CFBS 100T	60 x 10		4	0,436
562810	COV 100T			10	0,050
562820	CLIP 100 30 x 10	30 x 10	2	24	0,004
562830	CLIP 100 40 x 10	40 x 10	2	24	0,004
562840	CLIP 100 50 x 10	50 x 10	2	24	0,002

# Busbar Supports

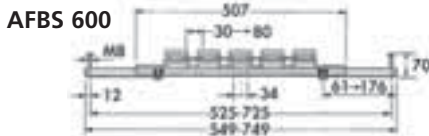
## Adjustable Flat Busbar Supports



- Adjustable distance between phases
- Quick adjustment to busbar thickness 5 or 10 mm
- High resistance to short-circuit forces
- Excellent security of equipment
- Universal fixing
- Working temperature: -40°C up to 130°C
- Self extinguishing UL 94 VO

### AFBS-B 600 UP TO 1600A

- Versatile support for bars 30 to 80 mm
- For busbar thickness: 5 or 10 mm
- 3 phase + neutral circuit
- Halogen free
- See below for some applications



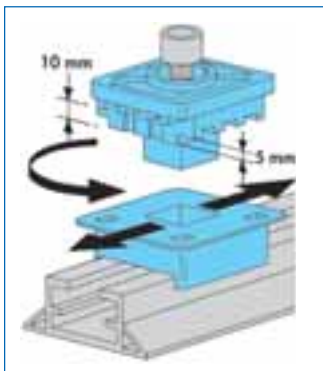
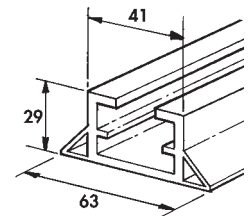
Part No.	DESCRIPTION		
504971	AFBS-B 600	1	2,200

### AFBS UP TO 2300A

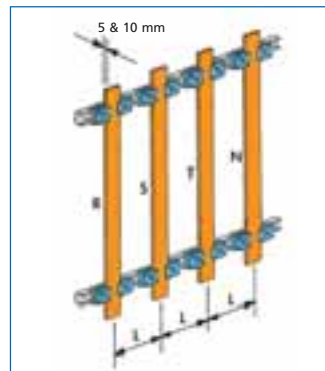
- Versatile support for bars 30 to 125 mm to build with:  
ALP 2000 aluminium rail length 2000 mm  
+ SI ALP-B insulator blocks  
- 3 phase + neutral circuit  
- For busbar thickness 5 or 10 mm  
- Halogen free



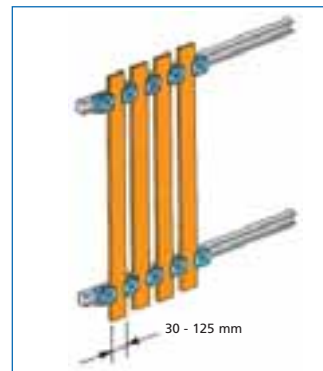
Part No.	DESCRIPTION		
504980	ALP 2000	2	2,950
504991	SI ALP-B	12	0,258



Slide and adjust to busbar thickness (5 or 10 mm) by simply rotating the insulator.



2 insulators per bar. Distance between phases can be adjusted by sliding. See ERIFLEX Software.



1 insulator can support 2 bars. Fixed distance between bars: 34 mm.



The 2 applications can be combined.

# Busbar Supports

## Compact and Reinforced Busbar Supports

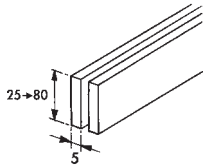
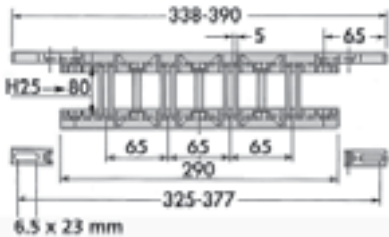


IEC 60439.1

- Minimum space requirement
- Easy and quick assembly
- Fits within 400 mm depth panelboard
- Provision for direct fixing of a screen
- Halogen free
- Working temperature: -40°C up to 130°C
- Self extinguishing UL 94 VO

### CBS-B 2/5TN 250-1600A

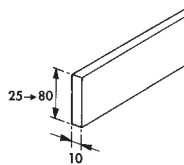
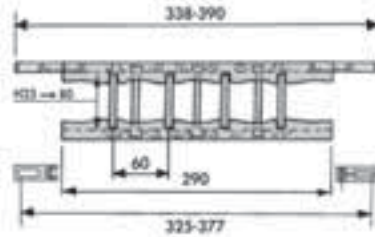
- For bar thickness 5



Part No.	DESCRIPTION	Bar thickness mm	Busbars per phase		
551151	CBS-B 2/5 TN	5	2	1	0,200

### CBS-B 1/10TN 250-1600A

- For bar thickness 10 mm

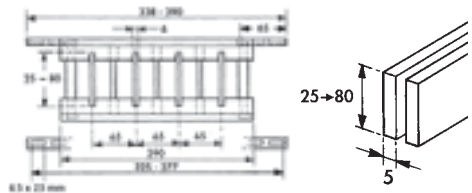


Part No.	DESCRIPTION	Bar thickness mm	Busbars per phase		
551181	CBS-B 1/10 TN	10	1	1	0,260

### RCBS 1/6TN-1/10TN MECHANICALLY REINFORCED

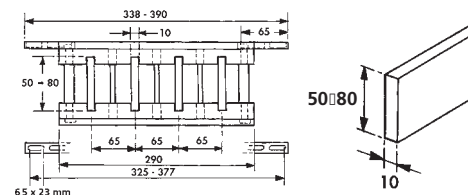
- Distance between copper bars and frame : 24 mm

- RCBS 1/6TN
- 500-1200A
- for bar thickness : 6,35 mm



Part No.	DESCRIPTION	Bar thickness mm	Number of busbars per phase		
552050	RCBS 1/6 TN*	6	1	1	0,650

- RCBS 1/10TN
- 500-1600A
- for bar thickness : 10 mm



Part No.	DESCRIPTION	Bar thickness mm	Number of busbars per phase		
552070	RCBS 1/10 TN*	10	1	1	0,620



# Busbar Supports

## Compact and Adjustable Busbar Supports

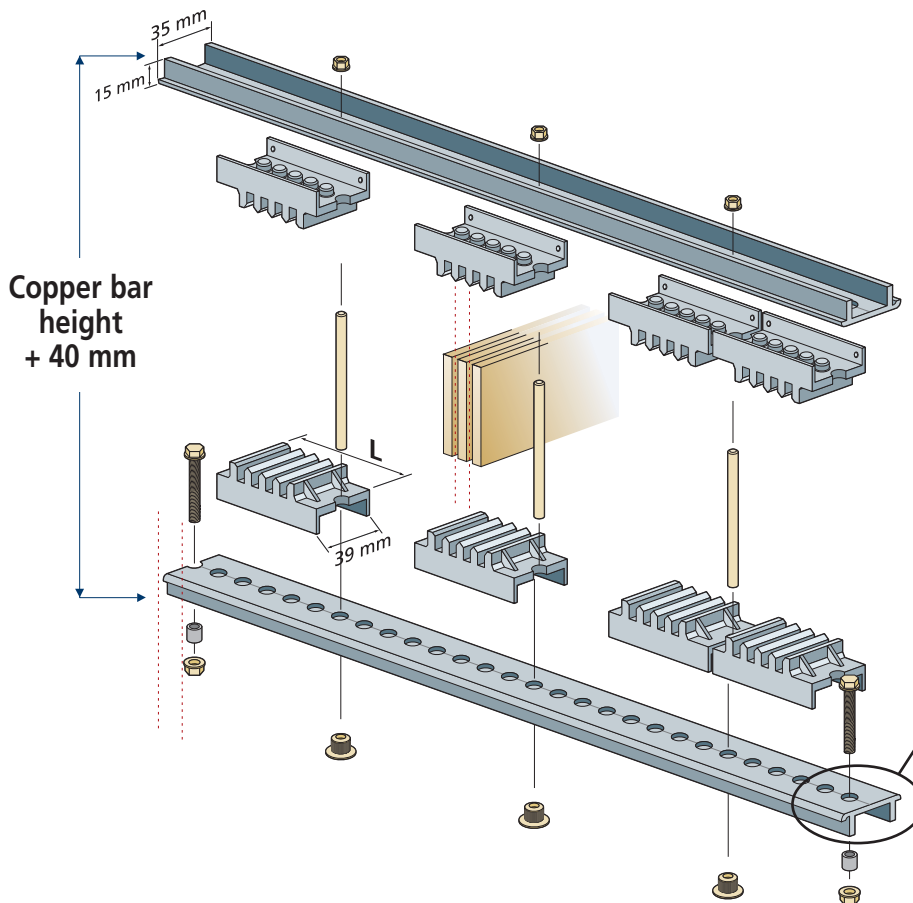


- Universal fixing support
- Easy to install
- Adjustable distance between each phase (12,5 mm pitch)
- Standard or customized support
- Cost-effective
- For all busbar types and ERIFLEX® ERILINK busducts
- Halogen Free
- Working temperature: -40°C up to 130°C
- Self extinguishing UL 94 VO

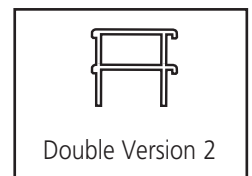
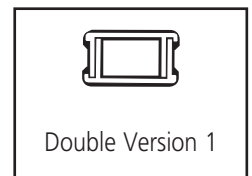
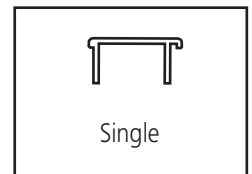
**IEC 60439.1**

### TECHNICAL FEATURES

- PANELS: 300 TO 800 mm
- BARS: 30 TO 125 mm
- THICKNESS: 5 OR 10 mm
- FROM 400A UP TO 4500 A



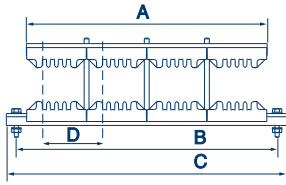
Aluminium Profile Rigidity  
How to improve the Bending Resistance, according to your configuration:



# Busbar Supports

## Compact and Adjustable Busbar Supports

### STANDARD CABS SUPPORTS READY TO USE:

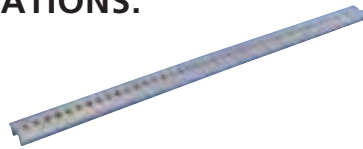


	CABS400	CABS600
A	300	500
B	325	525
C	350	550
D	75	75 → 125
4/5TN	549310	549260
2/10TN	549320	549270

Part No.	DESCRIPTION			L
549310	CABS 4/5 TN 400	1	0,800	75
549320	CABS 2/10 TN 400	1	0,770	75
549260	CABS 4/5 TN 600	1	0,840	75
549270	CABS 2/10 TN 600	1	0,810	75

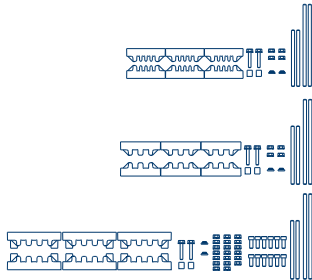
### CUSTOMIZED SUPPORT: JUST 3 PARTS LESS PARTS... MORE CONFIGURATIONS:

#### 1 ALUMINUM PROFILE 2M (CABS APP)



Part No.	DESCRIPTION			L
549300	CABS APP	2	0,90	

#### 2 6 CABS MODULES:



**CABS 4/5 T MODULE:**  
1 to 4 BARS  
30 -> 125 x 5 mm

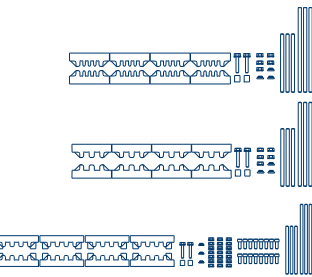
**CABS 2/10 T MODULE:**  
1 to 2 BARS  
30 -> 120 x 10 mm

**CABS 3/10 T MODULE:**  
1 to 3 BARS  
30 -> 120 x 10 mm



T = 3 Phases

Part No.	DESCRIPTION			L
549370	CABS 4/5 T MOD	1	0,39	75
549380	CABS 2/10 T MOD	1	0,37	75
549390	CABS 3/10 T MOD	1	0,45	100



**CABS 4/5 TN MODULE:**  
1 to 4 BARS  
30 -> 125 x 5 mm

**CABS 2/10 TN MODULE:**  
1 to 2 BARS  
30 -> 120 x 10 mm

**CABS 3/10 TN MODULE:**  
1 to 3 BARS  
30 -> 120 x 10 mm



TN = 3 Phases + Neutral

Part No.	DESCRIPTION			L
549340	CABS 4/5 TN MOD	1	0,50	75
549350	CABS 2/10 TN MOD	1	0,48	75
549360	CABS 3/10 TN MOD	1	0,58	100

#### 3 ACCESSORIES: BRACKETS FOR SUPPORTS FIXING



BRACKET CABS M



BRACKET CABS T KIT



BRACKET CABS E



BRACKET CABS TH KIT



BRACKET CABS BT



BRACKET CABS SV



BRACKET CABS RV



BRACKET CABS PS

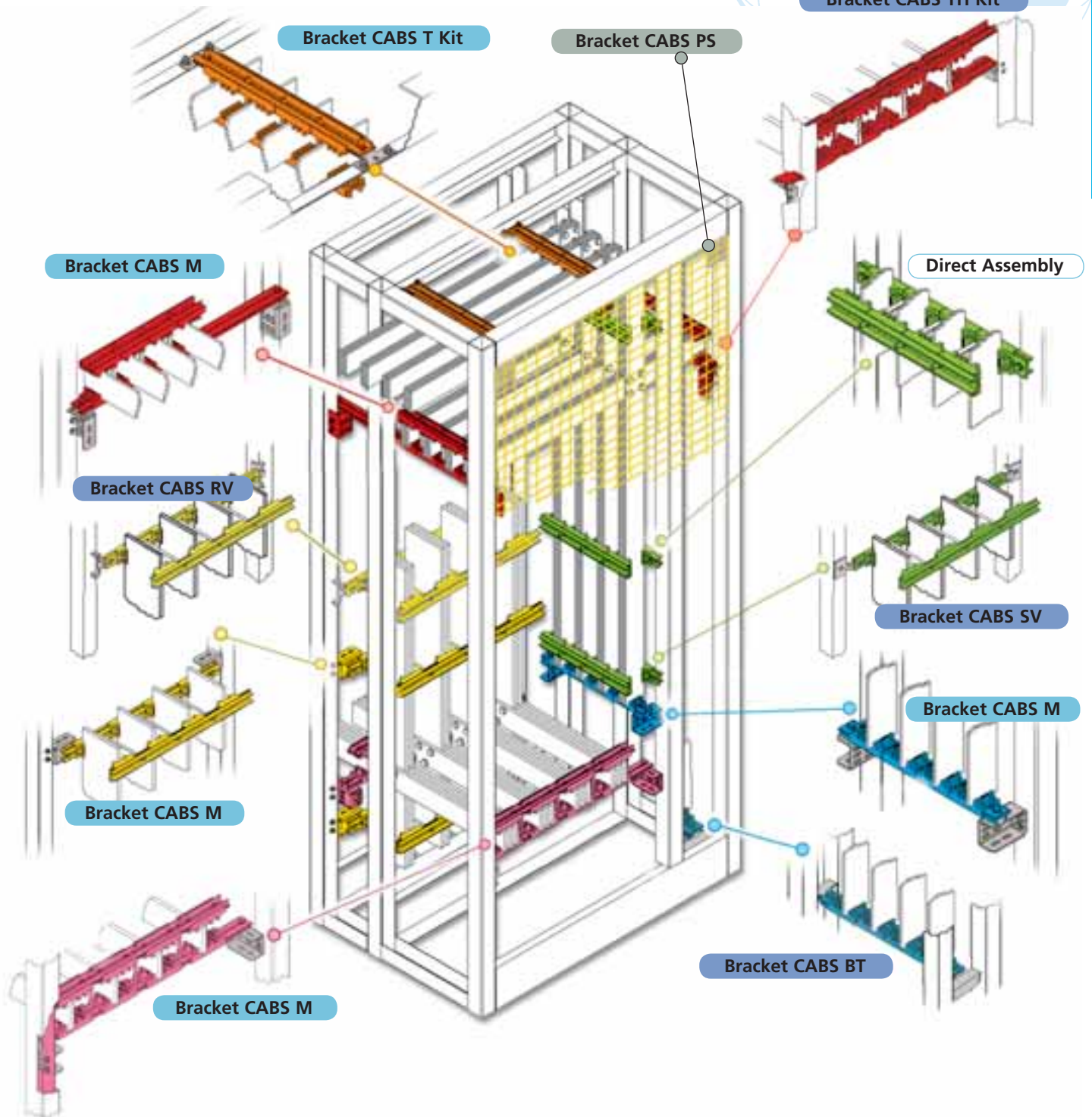
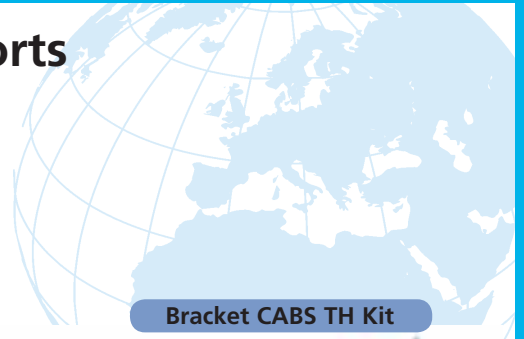


ADD. KIT CABS Fixing

Part No.	DESCRIPTION		
549450	CABS Bracket TH Kit	5	0,250
549460	CABS Bracket BT	10	0,200
549470	CABS Bracket SV	10	0,050
549480	CABS Bracket RV	10	0,060
549490	CABS Bracket PS	10	0,150
549400	CABS T SET	5	0,110
549410	CABS E	10	0,046
549420	CABS M	10	0,200
549430	ADD. Kit CABS Fixing	1	0,310

# Busbar Supports

## Compact and Adjustable Busbar Supports



# Busbar Supports

## Universal Busbar Supports



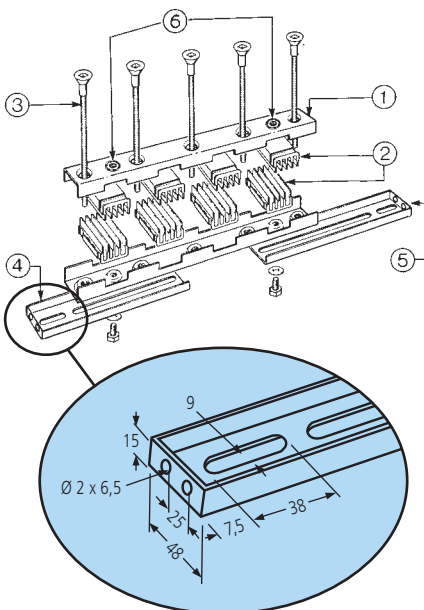
IEC 60439.1

- Complete range of 15 supports
- Extremely robust construction
- Universal fixing system
- Time saving during mounting procedure
- Halogen free insulators
- Working temperature: -40°C up to 130°C
- Self extinguishing UL 94 VO

## TECHNICAL CHARACTERISTICS

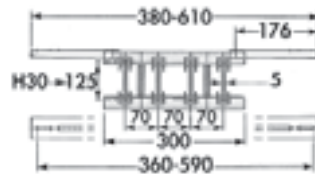
- 1) 2,5 mm reinforced and formed zinc plated steel sheet
- 2) Insulators in polyamide, glass fiber reinforced, halogen free
- 3) Busbars fixed and tightened using reinforced polyamide M10 screws (in stainless steel for bars 160 and 200 mm)
- 4) Adjustable distance between fixing centers
- 5) Distance between lateral fixing centres: 25 mm
- 6) Provision for direct fixing of a screen using 2 M10 integrated flush nuts

**T = 3 phases**  
**TN = 3 phases + neutral**



### UBS 1/5TN 1700A

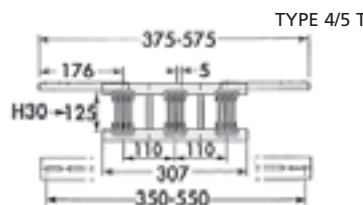
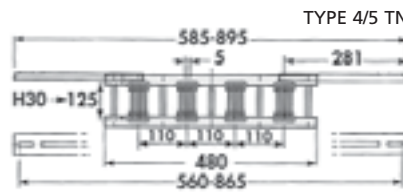
- 3 phase + neutral circuit
- Busbar thickness: 5 mm
- Busbar width: 30 to 125 mm



Part No.	DESCRIPTION	Number of busbars per phase		
551000	UBS 1/5 TN	1	1	1,86

### UBS 4/5T & 4/5TN 3500A

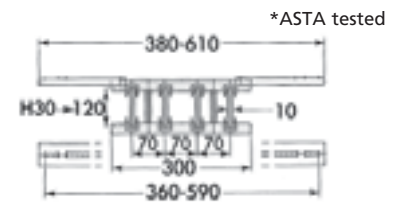
- 3 phase (4/5 T)
- 3 phase + neutral circuit (4/5 TN)
- Busbar thickness: 5 mm
- Busbar width: 30 to 125 mm



Part No.	DESCRIPTION	Number of busbars per phase		
551010	UBS 4/5 TN	1-4	1	2,88
551020	UBS 4/5 T	1-4	1	2,22

### UBS 1/10TN 2250A

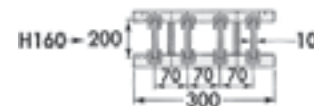
- 3 phase + neutral circuit
- Busbar thickness : 10 mm
- Busbar width : 30 to 120 mm



Part No.	DESCRIPTION	Number of busbars per phase		
551060	UBS 1/10 TN*	1	1	1,86

### UBS 1/10TN 160 & 200 3500A

- 3 phase + neutral circuit
- Busbar thickness: 10 mm
- Busbar width: 160 to 200 mm
- Assembling without extension arms



Part No.	DESCRIPTION	Number of busbars per phase		
561500	UBS 1/10 TN 160	1	1	2,30
561510	UBS 1/10 TN 200	1	1	2,40

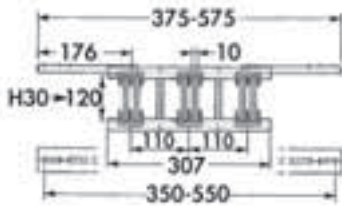
# Busbar Supports

## Universal Busbar Supports



### UBS 2/10T 3600A

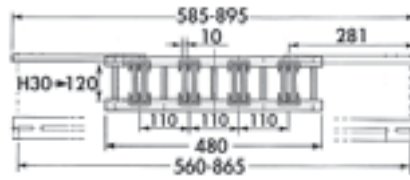
- 3 phase
- Busbar thickness: 10 mm
- Busbar width: 30 to 120 mm



Part No.	DESCRIPTION	Number of busbars per phase		
551080	UBS 2/10 T	1-2	1	2,18

### UBS 2/10TN 3600A

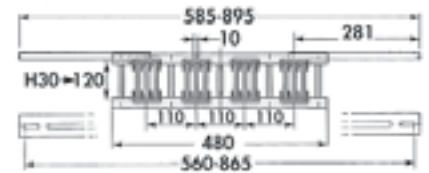
- 3 phase + neutral circuit
- Busbar thickness: 10 mm
- Busbar width: 30 to 120 mm



Part No.	DESCRIPTION	Number of busbars per phase		
551070	UBS 2/10 TN	1-2	1	2,86

### UBS 3/10TN 4500A

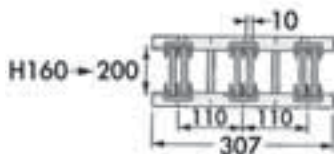
- 3 phase + neutral
- Busbar thickness: 10 mm
- Busbar width: 30 to 120 mm



Part No.	DESCRIPTION	Number of busbars per phase		
551090	UBS 3/10 TN	1-3	1	2,90

### UBS 2/10T 160 & 200 5700A

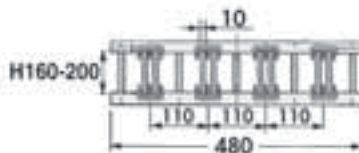
- 3 phase
- Busbar thickness: 10 mm
- Busbar width: 160 to 200 mm
- Assembling without extension arms



Part No.	DESCRIPTION	Number of busbars per phase		
561520	UBS 2/10 T 160	1-2	1	2,60
561530	UBS 2/10 T 200	1-2	1	2,70

### UBS 2/10TN 160 & 200 5700A

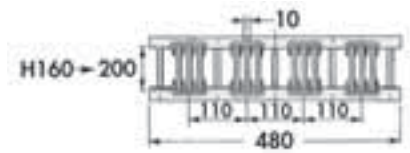
- 3 phase + neutral circuit
- Busbar thickness: 10 mm
- Busbar width: 160 to 200 mm
- Assembly without extension arms



Part No.	DESCRIPTION	Number of busbars per phase		
561870	UBS 2/10 TN 160	1-2	1	3,40
561880	UBS 2/10 TN 200	1-2	1	3,50

### UBS 3/10TN 160 & 200 7400A

- 3 phase + neutral circuit
- Busbar thickness: 10 mm
- Busbar width: 160 to 200 mm
- Assembling without extension arms



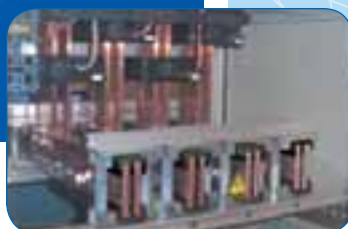
Part No.	DESCRIPTION	Number of busbars per phase		
561540	UBS 3/10 TN 160	1-3	1	3,40
561550	UBS 3/10 TN 200	1-3	1	3,50

# Busbar Supports

## Adjustable Busbar Support



- Freedom to select the desired distance
- Extremely robust construction
- Universal fixing system
- Time saving due to rapid assembly process
- Working temperature: -40°C up to 130°C
- Halogen free
- Self extinguishing UL 94 VO



## ABS

### OFFERING REAL SIMPLICITY WITH JUST 2 COMPONENTS:

- 1 – Aluminum profiles 2 m
- 2 – Single kits enabling phase assembly

#### • UP TO 7400 A

- Panels: 300 to 900 mm
- Bars: 50 to 200 mm
- Thickness: 5 or 10 mm
- Busbars IP 00 / ERIFLEX® ERILINK

Part No.	DESCRIPTION	DESIGNATION			L
560930	ABS AP25	ABS perfo alu profile 25	2	1,35	
560940	ABS AP	ABS alu profile	2	1,37	
560860	ABS 1/5	ABS module 1/5	1	0,64	74
560870	ABS 4/5	ABS module 4/5	1	0,73	99
560880	ABS 1/10	ABS module 1/10	1	0,64	74
560890	ABS 2/10	ABS module 2/10	1	0,73	99
560900	ABS 3/10	ABS module 3/10	1	0,81	124
560910	ABS 160 x 10	ABS kit 160 x 10	1	0,12	
560920	ABS 200 x 10	ABS kit 200 x 10	1	0,16	
560950	ABS APS	ABS profile stiffener kit	1	0,045	
560960	ABS-EA	ABS ERIFLEX ERILINK adaptor	1	0,170	

### FREEDOM WITH WHICH TO SELECT:

- The desired distance between each phase
- The desired configuration: bipolar, tripolar, tetrapolar

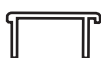
#### 1 ALUMINUM PROFILES 2M 2 different options:

- Punched 25 mm holes pitch
- Plain to be drilled

#### 2 SINGLE KITS ENABLING PHASE ASSEMBLY 5 different modules:

- 1/5: 1 bar 50-125 x 5 mm per phase
- 4/5: 2,3,4 bars 50-125 x 5 mm per phase
- 1/10: 1 bar 50-120 x 10 mm per phase\*
- 2/10: 2 bars 50-120 x 10 mm per phase\*
- 3/10: 3 bars 50-120 x 10 mm per phase\*

Aluminum Profile Rigidity  
How to improve the  
Bending Resistance,  
according to your  
configuration:



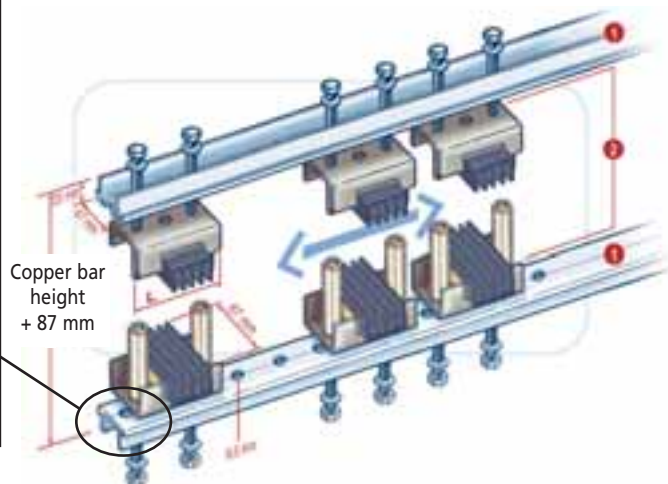
Single



Double Version 1



Double Version 2



### ACCESSORIES

\*IN ADDITION TO THE ABOVE MODULES

- Kit 160 x 10 (for 160 x 10 copper bar)
- Kit 200 x 10 (for 200 x 10 copper bar)

IN ADDITION TO THE ABOVE ALUMINUM PROFILES:

- Profile stiffener kit (ABS APS)  
Combined profile reinforced
- Aluminum profile fixing with panel

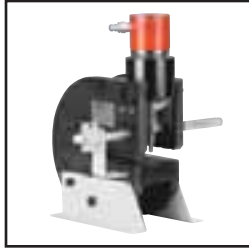
# HYDRAULIC & MANUAL TOOLS

## Hydraulic Busbar & ERIFLEX® FLEXIBAR Work Center

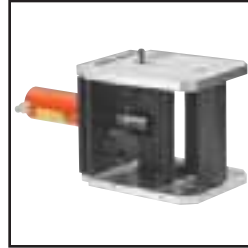
Hydraulic Busbar & ERIFLEX® FLEXIBAR Work Center



Hydraulic Busbar & ERIFLEX® FLEXIBAR Puncher



Hydraulic Busbar Bender



Hydraulic Busbar Cutter



Shearing Tool Ruler



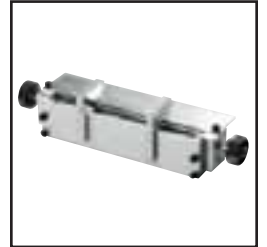
Hydraulic Pump & Foot Controller



Hydraulic ERIFLEX® FLEXIBAR Shearing Tool

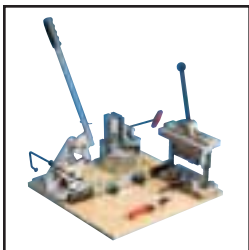


Shearing Tool Guide



## Manual Tools

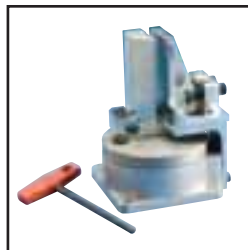
Manual Tool Workbench



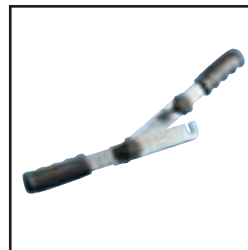
Shearing Tool



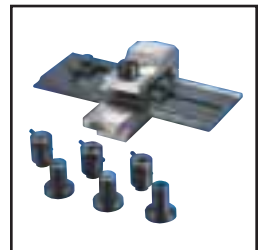
Bending Tool



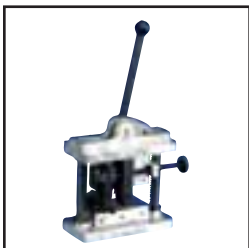
Twisting Tool



ERIFLEX® FLEXIDRILL R



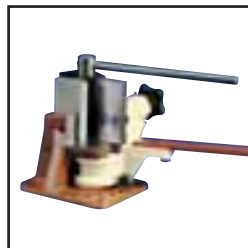
Stripping Tool



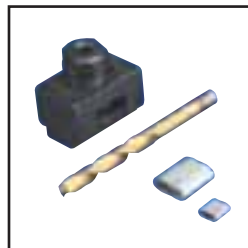
Stripping Knife



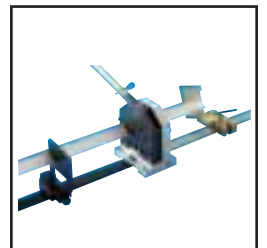
Manual Bending Tool



Braid & Crimp Drill Tool



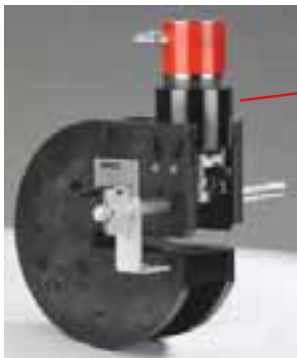
Cutting and Punching Tool For Din Profiles



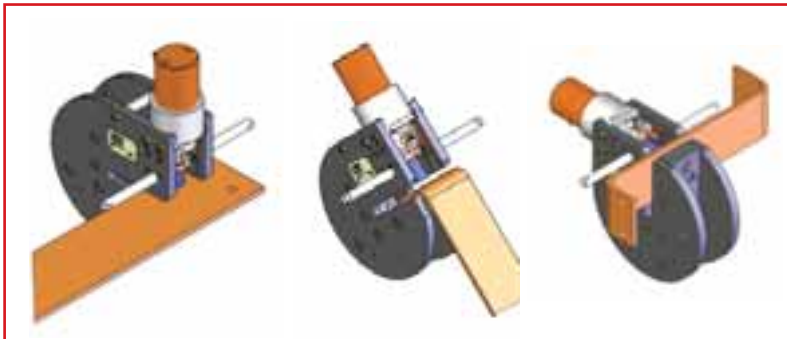
# Hydraulic Busbar & ERIFLEX® FLEXIBAR Work Center



Hydraulic Busbar Cutter



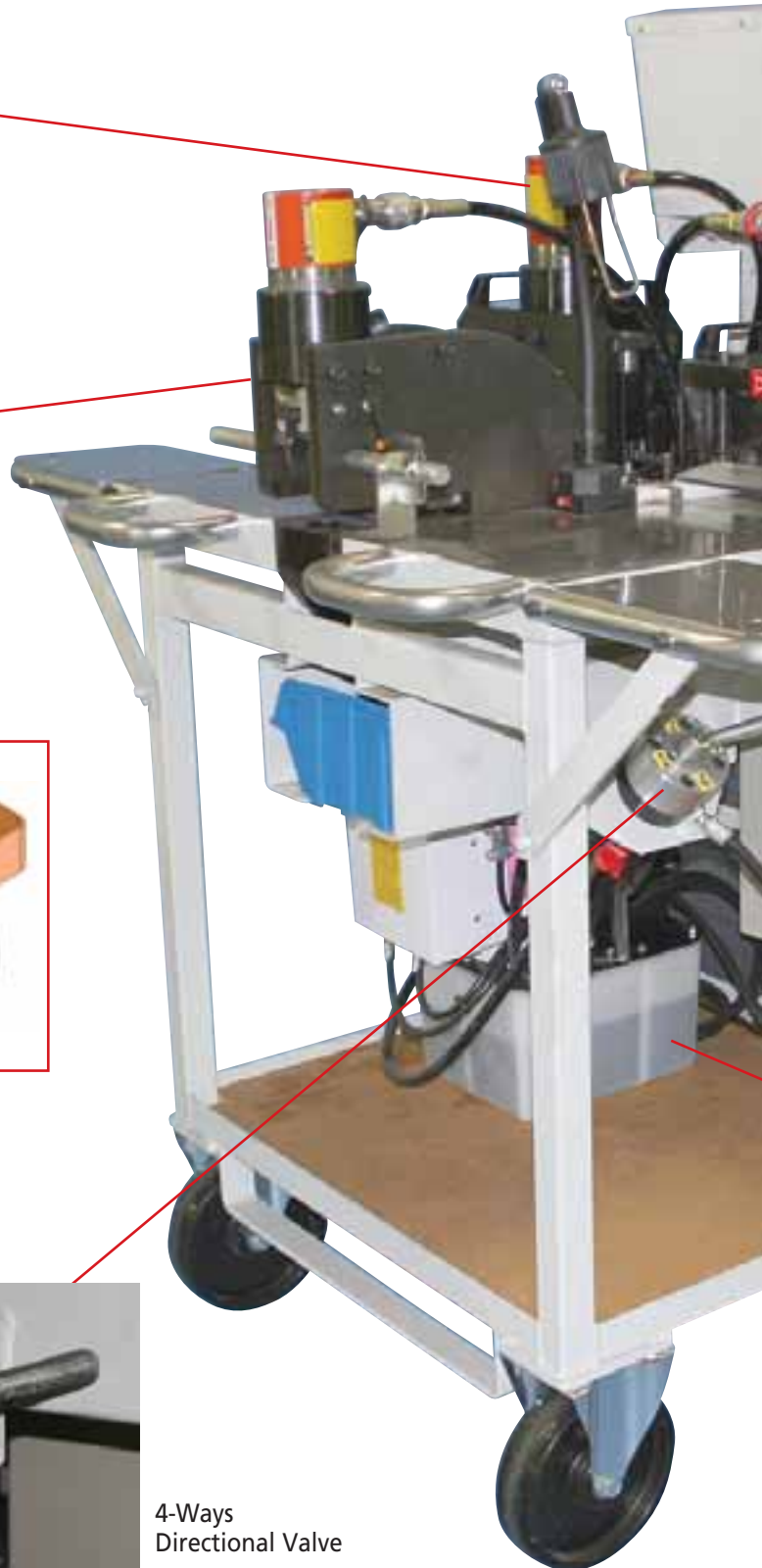
Hydraulic Busbar & ERIFLEX® FLEXIBAR Puncher



**ERICO  
DESIGN**



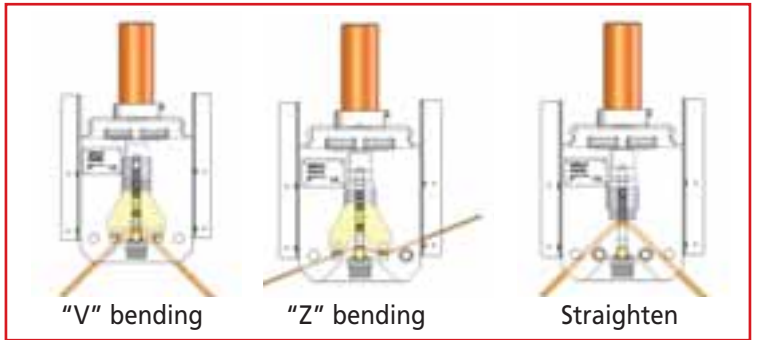
4-Ways  
Directional Valve







Programmable Angle Controller



"V" bending

"Z" bending

Straighten



Hydraulic Busbar Bender



Bender Adjustable Lift



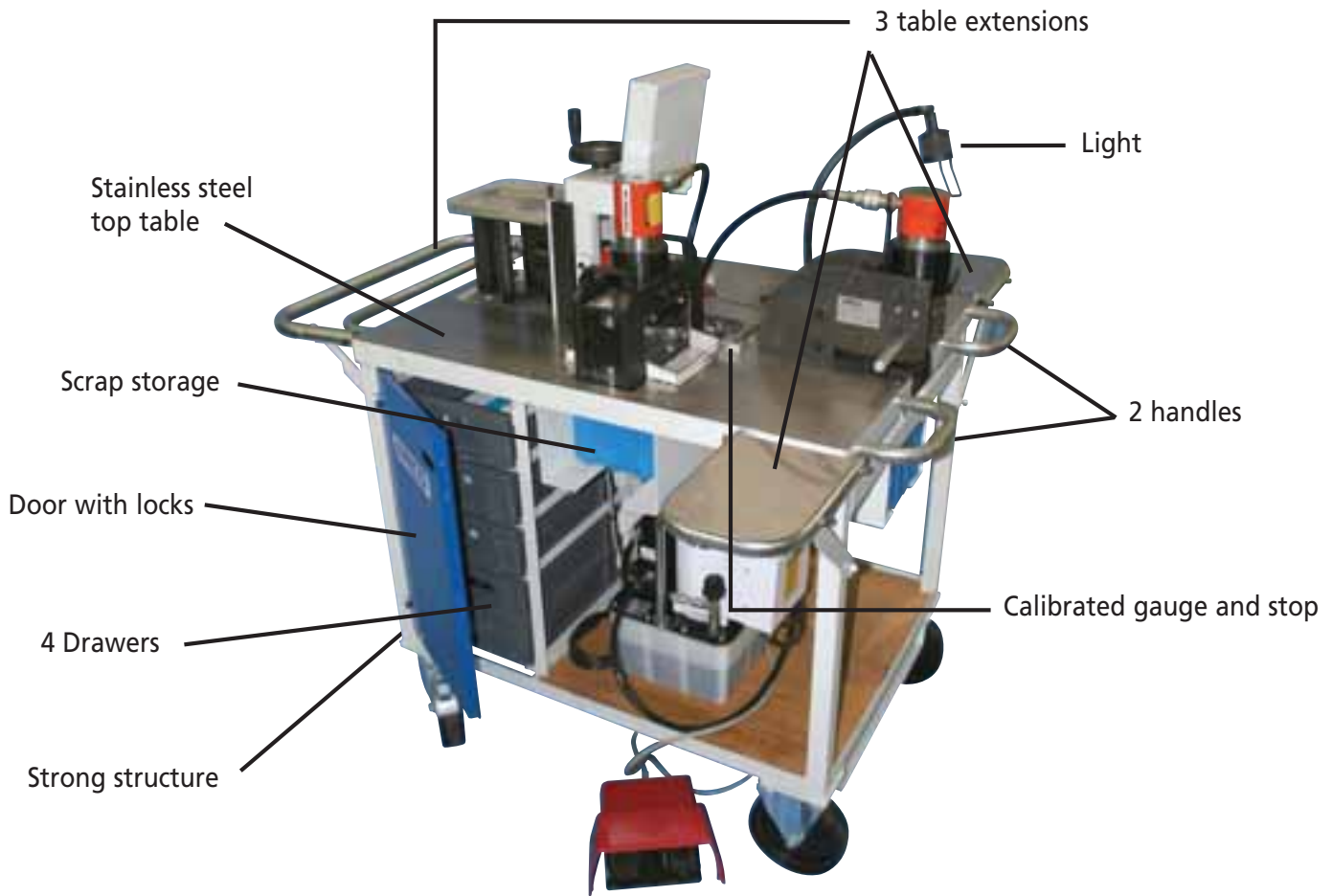
Hydraulic ERIFLEX® FLEXIBAR Shearing Tool  
(Not Included in Europe Work Center. Included in North America Work Center.)



Hydraulic Pump & Foot Controller

# Hydraulic Busbar & ERIFLEX® FLEXIBAR Work Center

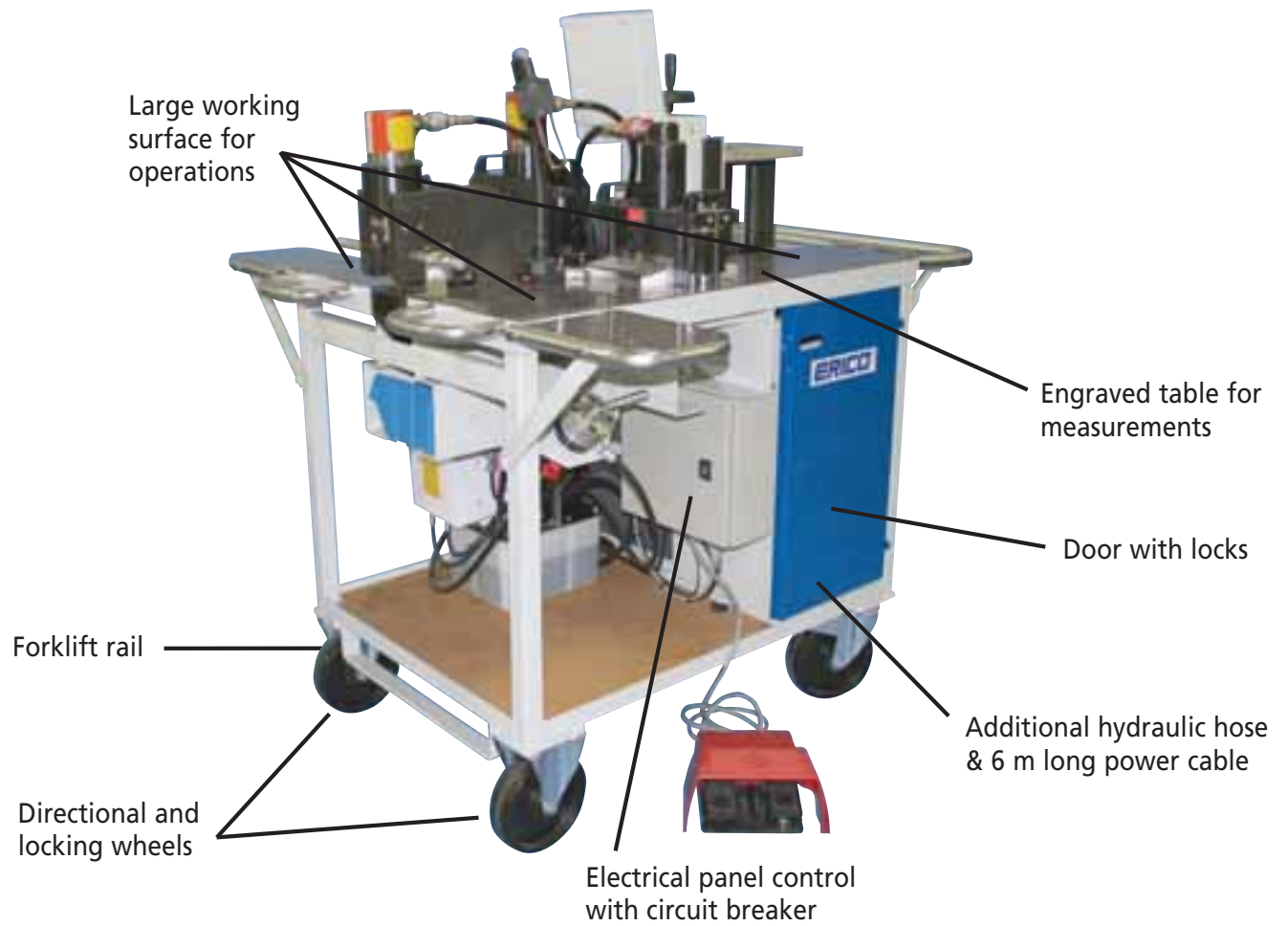
Cutting, Bending, Punching: Using a Unique Work Center.





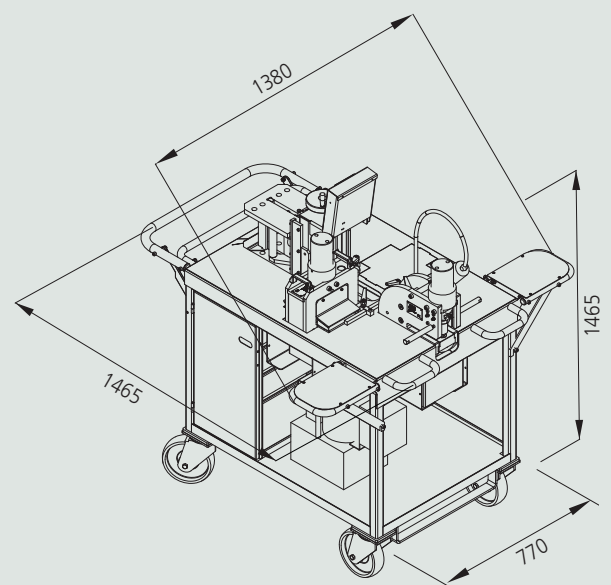
## Hydraulic Busbar & ERIFLEX® FLEXIBAR Work Center

- Mobile workbench including all machines for Cutting, Bending and Punching Copper Busbars or ERIFLEX FLEXIBAR
- This set is composed of:
  - Hydraulic Punch for Solid Bar & ERIFLEX FLEXIBAR (Punches and dies not included)
  - Hydraulic Busbar & ERIFLEX FLEXIBAR Bender 200 x 12,7 mm (8 x 1/2") with lift to adjust the machine level
  - Hydraulic Busbar Cutter 125 x 12,7 mm (5 x 1/2")
  - Hydraulic Pump 700 bars & Foot Controller
  - Machine selector: 4-way directional valve to select the required machine
  - 2 Ejection Stop (without punch & die set)
  - Programmable Angle Controller
  - Light
  - Protected by Circuit Breaker
  - 4 Drawers to put away accessories
  - Power cable 6 m long
- One hydraulic hose, free, to connect additional tools (ERIFLEX FLEXIBAR Shearing tool or other)

Every tool can be purchased separately



Article N°	Description		
545650	Hydraulic Busbar & ERIFLEX® FLEXIBAR Work Center - 230V (ERIFLEX FLEXIBAR Shearing Tool not included)	1	356
545720	Hydraulic Busbar & ERIFLEX FLEXIBAR Work Center - 115V (ERIFLEX FLEXIBAR Shearing Tool included)	1	390

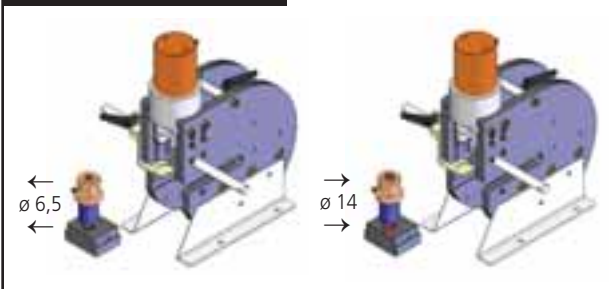


# Hydraulic Busbar & ERIFLEX® FLEXIBAR Puncher



- Copper or Aluminum Busbar & ERIFLEX® FLEXIBAR
- Maximum Capacity
  - Throat depth : 130 mm (5")
  - Maximum thickness of bar : 12,7 mm (1/2")
- Maximum working hydraulic pressure : 700 bars (10,000 PSI)
- Strong mechanical construction
- Quick set up punches & dies system
- Flat and clean hole edge
- Punch pip to adjust the hole position
- Calibrated side and depth gauge and stop
- Large range of punches and dies available from 6,5 to 20 mm (5/16 - 8/16") + oval
- Working position : Horizontal - 45° - 90° (when installed on the Work Center)

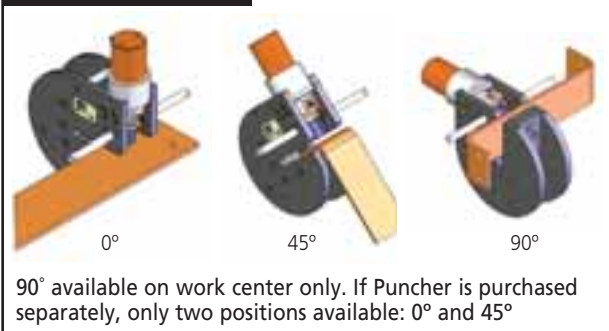
## 1. Quick set-up - no tool required



## 2. Maximum Capacity Throat depth: 130 mm



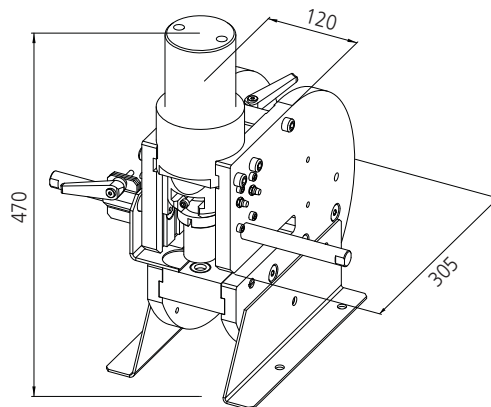
## 3. Three Positions



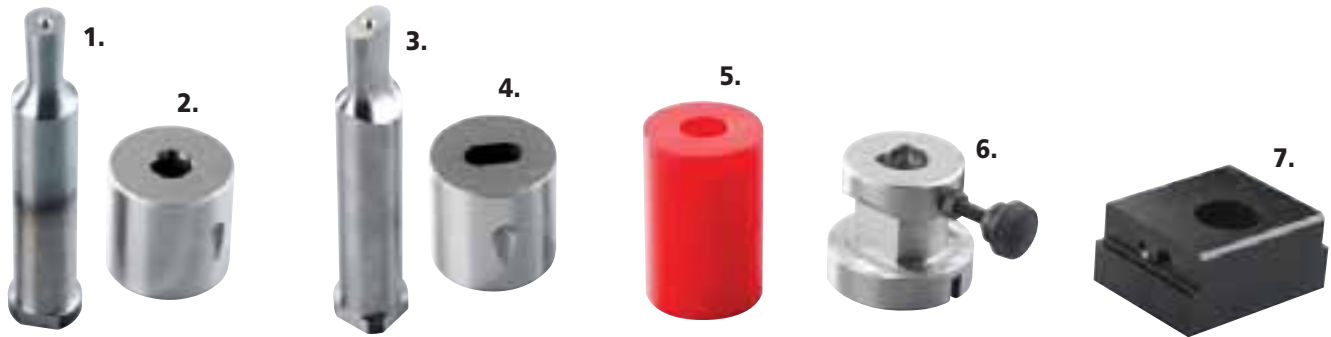
## 4. Round & oval holes



**UNIQUE IN THE MARKET**



# Hydraulic Busbar & ERIFLEX® FLEXIBAR Puncher



## Punching Machine

Article N°	Description		
545680	Puncher	1	54.00

## Metric Round Holes

Article N°	Punch (fig. 1)			Article N°	Die (fig. 2)			Article N°	Ejection Stop (fig. 5)		
545800	6,5 mm	1	0.13	545801	6,5 mm	1	0.19	545890	6,5-9-11-14	1	0.08
545805	9 mm	1	0.14	545806	9 mm	1	0.18	545890	6,5-9-11-14	1	0.08
545810	11 mm	1	0.14	545811	11 mm	1	0.17	545890	6,5-9-11-14	1	0.08
545815	14 mm	1	0.16	545816	14 mm	1	0.16	545890	6,5-9-11-14	1	0.08
545820	18 mm	1	0.24	545821	18 mm	1	0.13	545892	18-20	1	0.07
545825	20 mm	1	0.25	545826	20 mm	1	0.11	545892	18-20	1	0.07

## Metric Oval Holes (Punches and Dies for Imperial Oval Holes and Slots Available On Request)

Article N°	Punch (fig. 3)			Article N°	Die (fig. 4)			Article N°	Ejection Stop (fig. 5)		
545850	6,5x13 mm	1	0.14	545851	6,5x13 mm	1	0.15	545890	6,5-9-11-14	1	0.08
545855	9x18 mm	1	0.22	545856	9x18 mm	1	0.12	545892	18-20	1	0.07
545860	11x20 mm	1	0.24	545861	11x20 mm	1	0.1	545892	18-20	1	0.07
545865	14x20 mm	1	0.24	545866	14x20 mm	1	0.1	545892	18-20	1	0.07

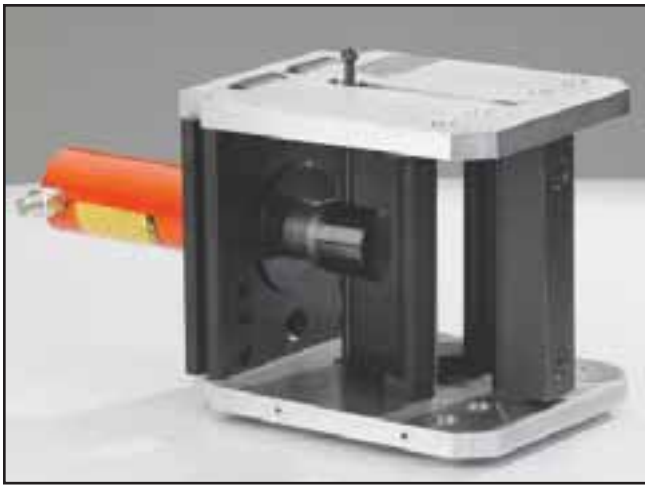
## Imperial Sizes Round Holes

Article N°	Punch (fig. 1)			Article N°	Die (fig. 2)			Article N°	Ejection Stop (fig. 5)		
545950	5/16" Punch - 1/4" Bolt	1	0.13	545951	5/16" Die - 1/4" Bolt	1	0.19	545890	6,5-9-11-14	1	0.08
545955	3/8" Punch - 5/16" Bolt	1	0.14	545956	3/8" Die - 5/16" Bolt	1	0.18	545890	6,5-9-11-14	1	0.08
545960	17/32" Punch - 7/16" Bolt	1	0.16	545961	17/32" Die - 7/16" Bolt	1	0.16	545890	6,5-9-11-14	1	0.08
545965	9/16" Punch - 1/2" Bolt	1	0.16	545966	9/16" Die - 1/2" Bolt	1	0.16	545890	6,5-9-11-14	1	0.08

## Spare Parts

Article N°	Description		
545900	Punch Holder 6,5-9-11-14 (fig. 6)	1	0.55
545905	Punch Holder 18-20 (fig. 6)	1	0.48
545910	Die Holder (fig. 7)	1	1.60

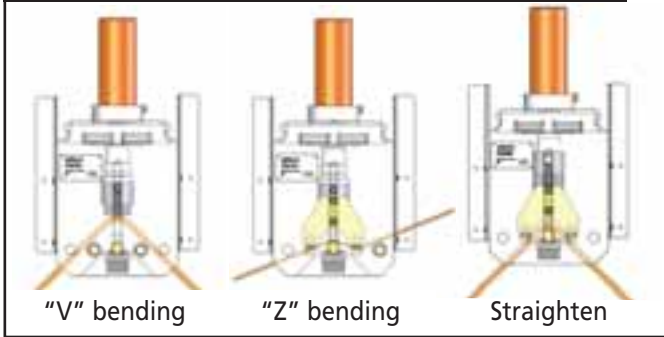
# Hydraulic Busbar & ERIFLEX® FLEXIBAR Bender



- Copper or Aluminum & ERIFLEX® FLEXIBAR
- Maximum Capacity  
Copper cross section 2000 mm<sup>2</sup>
- Maximum bar width : 200 mm (8")
- Maximum bar thickness : 12,7 mm (1/2")
- Bending radius : 12,5 mm / 1/2"
- Adjustable angle up to 100°
- Bending accessories for copper or aluminium busbar & ERIFLEX FLEXIBAR

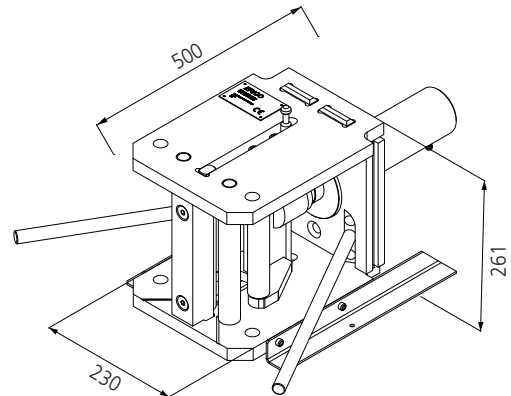
**UNIQUE IN THE MARKET**

## 1. One Machine / Three Functions: Quick Set-up

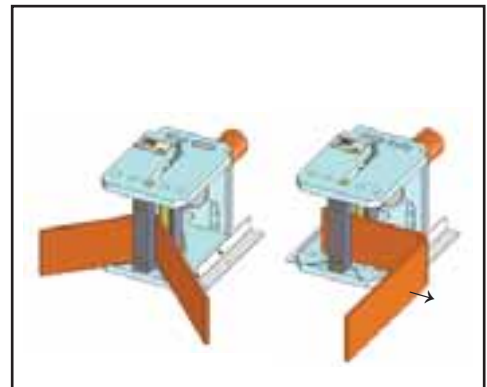
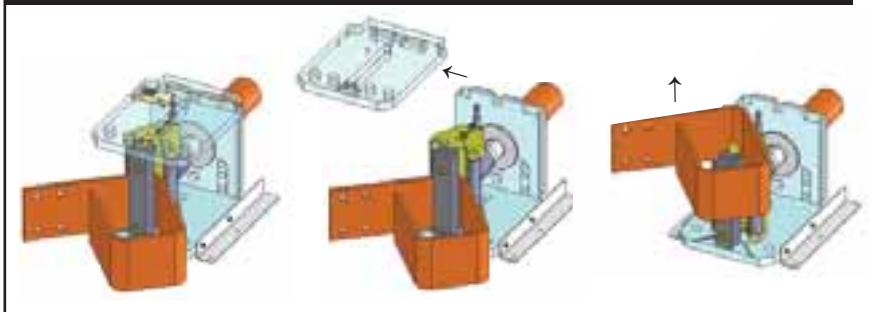


## 2. Large capacity: 2000 mm<sup>2</sup> / 200 x 10 mm (8" x 3/8")

Article N°	Description		
545670	Busbar bender	1	51



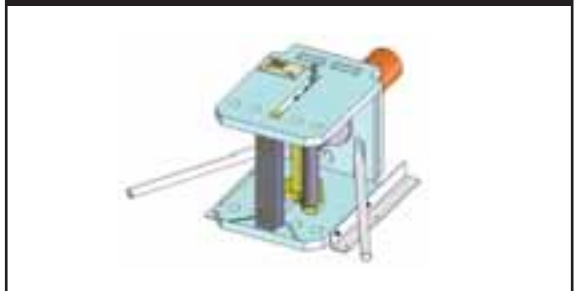
## 3. Easy access allowing numerous bending possibilities



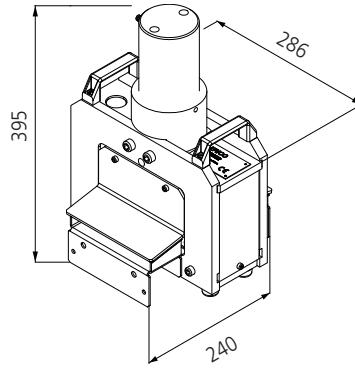
## 4. Large working surface for bending operation





## 5. Bar Support (out of the work center)



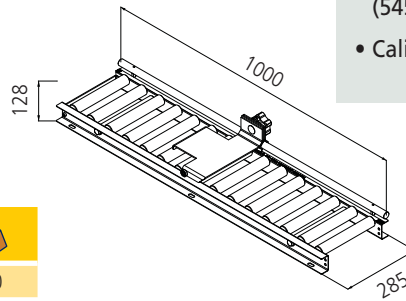
# Hydraulic Busbar Cutter





- Copper or Aluminum Busbar
- Maximum Capacity
- Maximum bar width : 125 mm (5")
- Maximum bar thickness : 12,7 mm (1/2")
- Blade 7 mm thick
- Strong mechanical construction : Guiding system 2 columns
- Flat and clean cut edge
- Visual inspection of cutting position
- Transparent finger protection
- Easy access for blade maintenance

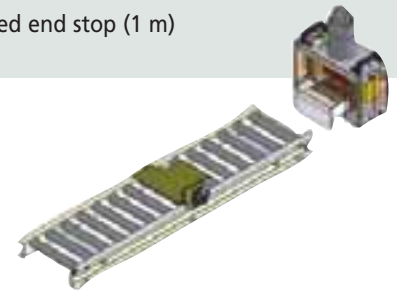
Article N°	Description		
545690	Hydraulic Busbar Cutter	1	41
545695	Hydraulic Busbar Cutter Blade	1	1

# ERIFLEX® Tool Ruler



- In combination with hydraulic busbar cutter (545690) to support the solid bar
- Calibrated end stop (1 m)

Article N°	Description		
558990	Tool ruler HFST-R	1	10



# Hydraulic Pump & Foot Controller





## HYDRAULIC PUMP

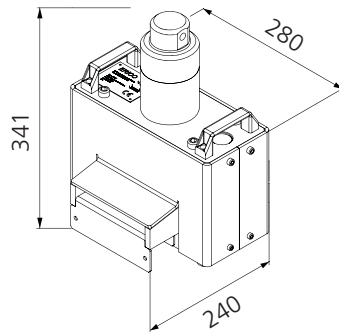
- One hose attached with quick release coupler
- Oil type (545706)
- Tank capacity from 1.9 up to 3.8 liter
- Oil flow 0,2 L per minute

## FOOT CONTROLLER

- 2 Pedals control
- 3 positions foot controller operation : off, on, safety off



Article N°	Description		
545700	Electro Hydraulic Pump 230 V + Foot Controller	1	40
545701	Electro Hydraulic Pump 115 V + Foot Controller	1	40
545706	Hydraulic oil 0,946 liter	1	1

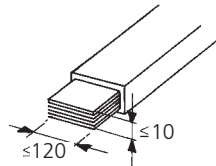
# Hydraulic ERIFLEX® FLEXIBAR Shearing Tool



- Copper or Aluminum
- Strong mechanical construction
- Cuts quickly and accurately without burrs or deformation
- Visual inspection of cutting position
- Maximum Capacity Copper cross section 1200 mm<sup>2</sup>
- Width of bar : 120 mm (4-3/4")
- Thickness of bar : 12 mm (1/2")
- ERIFLEX FLEXIBAR 10x120x1 MAXIMUM

WARNING: Cutting solid bars will damage the tool

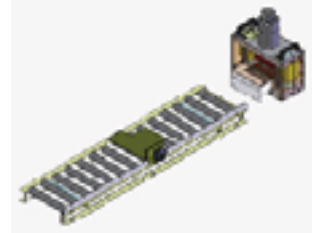
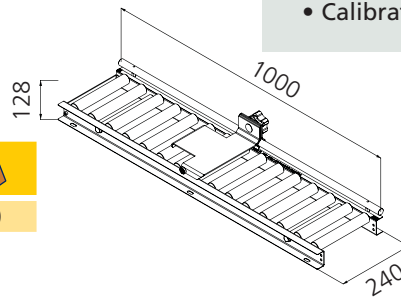
Article N°	Description		
559010	Hydraulic shearing tool HFST	1	34
559040	Tool blades HFST-C	1	1





## ERIFLEX® FLEXIBAR Shearing Tool Ruler



- In combination with hydraulic ERIFLEX® FLEXIBAR Shearing Tool (559010) to support the ERIFLEX FLEXIBAR
- Calibrated end stop (1 m)





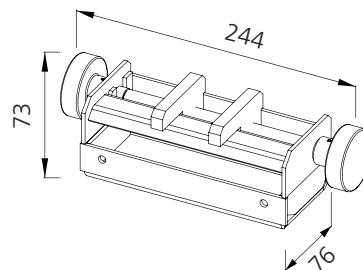
Article N°	Description		
558990	Tool Ruler HFST-R	1	10

## ERIFLEX® FLEXIBAR Shearing Tool Guide



- Adjust the ERIFLEX FLEXIBAR position in the tool Quick Set Up - NO TOOL REQUIRED
- Increase the blade life expectancy

Article N°	Description		
559020	Tool Guide HFST-B	1	1





# ERIFLEX® FLEXIBAR Manual Tools

A complete range of useful hand tools for ERIFLEX® FLEXIBAR, Braids and Din profiles

Cutting, bending, drilling, twisting: ERICO® offers a complete manual tool range.



Twisting Tool



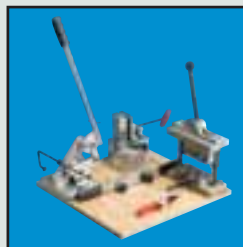
Stripping Tool



Shearing Tool



Bending Tool



ERIFLEX FLEXIBAR Workbench

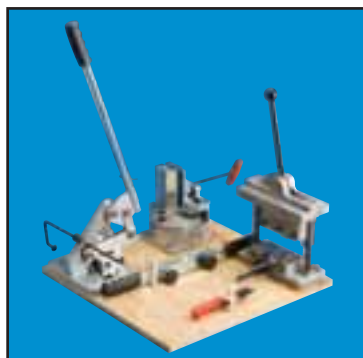


ERIFLEX® FLEXIDRILL R

Every tool can be purchased separately

## ERIFLEX® FLEXIBAR Workbench

A complete set of useful hand tools for ERIFLEX FLEXIBAR.



Over all dimensions:  
L 500 x W 500 x H 290 mm

Article N°	Description		
558900	Workbench - FT Kit	1	35

### A - Cutting tool

- Specifically designed for cutting ERIFLEX® FLEXIBAR up to 5x32

### B - Stripping tool

- Cut all 4 sides of insulation in one operation without marking the copper. ERIFLEX FLEXIBAR capacity from 6 to 63 mm

### C - Bending tool

- Simple hand operated bending tool. Does not damage insulation.

### D - Twisting tool

- Used in conjunction with bending tool. This simple tool facilitates plane change

### E - A Cutter

- Stripping knife with interchangeable blades

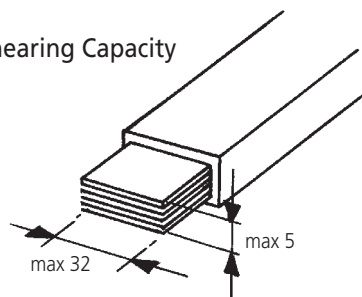
### Instruction

- Clear instruction sheet for the use of the tools.

## Shearing Tool



Shearing Capacity



- Cuts quickly and accurately without burrs or deformation
- Cuts with the insulation on – without any damage
- Graduated endstop
- Cost-effective
- Spare blade MFCB

Article N°	Description		
559170	Shearing Tool	1	3.5
559120	Set of blades for MFC	1	0.5

ERIFLEX FLEXIBAR 5 x 32 x 1 maximum  
Warning: Cutting solid bars will damage the tool

Over all dimensions:  
L 170 x l 200 x H 270 mm

## Bending Tool

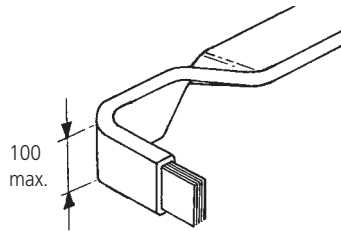


Over all dimensions:  
L 170 x l 150 x H 220 mm

- Bends quickly without insulation damage
- Manual saw guide included
- Adjustable angle up to 120°
- Bending radius: 5 mm
- Maximum capacity: ERIFLEX® FLEXIBAR 10 x 100 x 1

Article N°	Description		
559150	Bending Tool - MFB	1	7

## Twisting Tool

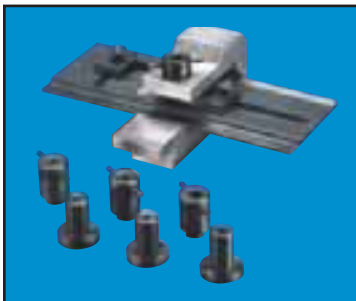


Over all dimensions:  
L 560 x l 150 x H 70 mm

- Unlimited possibilities of twisting or changing plane. To be used with the bending tool

Article N°	Description		
559160	Twisting Tool - MFT	1	2.5

## ERIFLEX® FLEXIDRILL R Drill Guide

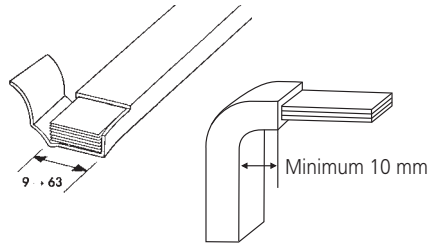


Over all dimensions:  
L 250 x l 300 x H 150 mm

- Multi-diameter, multi-distance between centers.
- This guide facilitates the drilling of one or more holes of various diameters at different distances between centers .
- Drill guide inserts :
  - 6,5 mm / 8,5 mm / 10,5 mm / 12,5 mm (558600)
  - 5/16" Die Set - 1/4" Bolt, 3/8" Die Set - 5/16" Bolt, 17/32" Die Set - 7/16" Bolt, 9/16" Die Set - 1/2" Bolt (558601)



Article N°	Description		
558600	ERIFLEX® FLEXIDRILL	1	9.5
558601	ERIFLEX FLEXIDRILL Imperial	1	9.5

## Stripping Tool



Over all dimensions:  
L 220 x W 100 x H 250 mm



- Quick & simple stripping of ERIFLEX® FLEXIBAR from 9 up to 63 mm
- Cuts all of 4 faces of the insulation in a single operation without damaging the copper.
- Allows stripping on short length
- Aluminum cast body, four holes for fixing

Article N°	Description		
559100	Stripping Tool - MFS	1	8
559110	Set of blades for MFS	1	1

## Stripping Knife



- Accurately cuts the ERIFLEX® FLEXIBAR insulation
- Special sharpening to avoid damaging the conductors
- Very resistant blade , interchangeable
- Blade protection
- Ergonomic shockproof resin handle

Article N°	Description		
559050	Stripping knife - SOK	1	0.062
559060	Spare blade for SOK	1	0.020



## Manual Bending Tool

For Solid Copper Bars

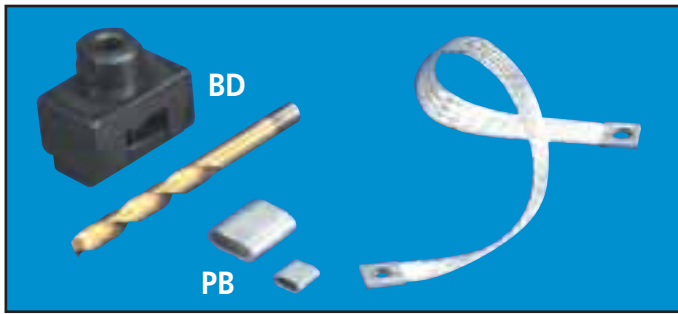


Over all dimensions:  
L 300 x l 300 x H 260 mm

- Angle of bend up to 120°
- Capacity:
  - Copper, maximum size 100 x 8 mm
  - Internal bending radius 10 mm

Article N°	Description		
559190	Manual Bending Tool - MCB	1	14

# Braid & Crimp Drill Tool

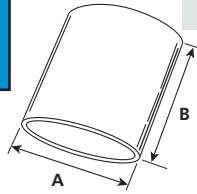


## BD - Crimp & Braid Drill Tool

- Comprising of a guide and adapted drill bit. Developed by ERICO
- For crimping and drilling of braid terminals.

## PB Lugs for Flat Braids

- Tinned annealed copper



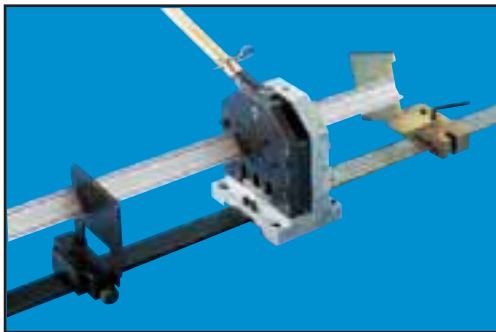
BD

Article N°	Description	Bolts		
558610	BD 16 - 6,5	M6	1	0.653
558640	BD 16 - 8,5	M8	1	0.653
558620	BD 25 - 11	M10	1	0.678
558630	BD 50 - 12,5	M12	1	0.712

PB

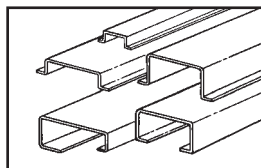
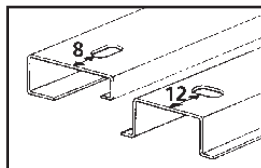
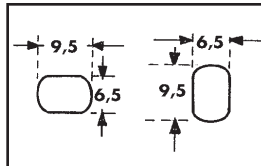
Article N°	Description	For Flat Braid	A X B		
557180	PB 16	FTCB or FRCB 15-16	16 x 15	100	0.004
557190	PB 25	FTCB or FRCB 15-25	22 x 25	100	0.010
557380	PB50	FTCB or FRCB 15-50	30 x 30	100	0.017

# Cutting & Punching Tool for Din Profiles



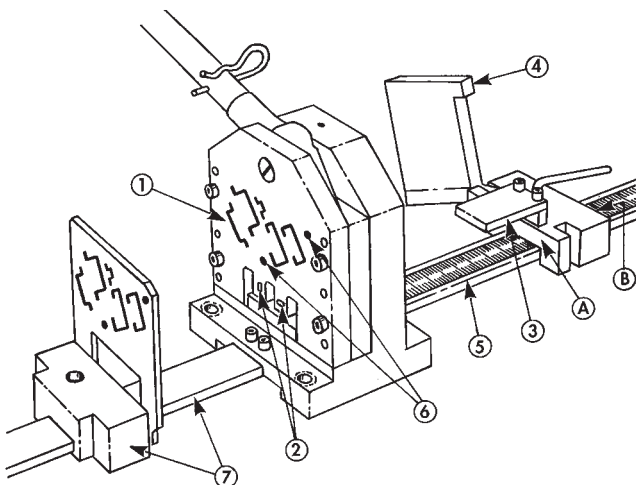
Over all dimensions:  
L 165 x W 100 x H 200 mm  
Lever: 630 mm

A: Punching Mark  
B: Cutting Mark



- Cutting tool for 5 DIN sections cuts without burrs or deformation, allows punching of elongated holes. Supplied with rule and stop.

- 1) The ERICO manual cutting & punching tool works with the 5 most popular DIN rails
- 2) The ERICO tool will punch 9.5 mm x 6.5 mm holes along or perpendicular to the axis of the rails
- 3) The stops can be preset to allow direct punching of the oblong holes: horizontal at 8 mm from the end or vertical at 12 mm from the end
- 4) The hinged cutting stop allows a series to be interrupted without re-setting the stops
- 5) Length of graduated rule: 1000 mm
- 6) The tool also has the facility to cut M6 threaded rod
- 7) Guide designed to assist in cutting DIN sections

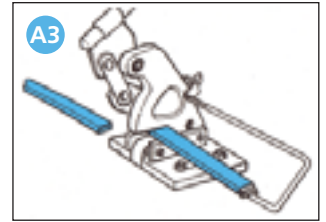
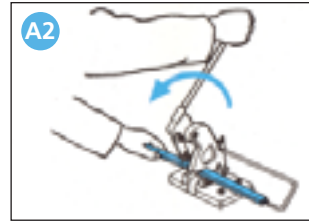
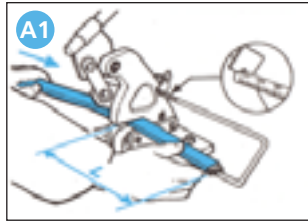
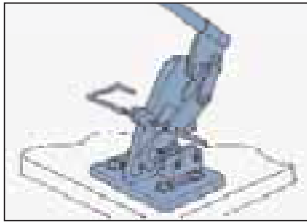


Article N°	Description		
559140	DRCK	1	12.64

# Manual Tools - Instruction for Use

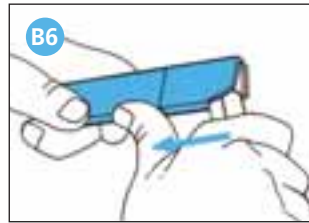
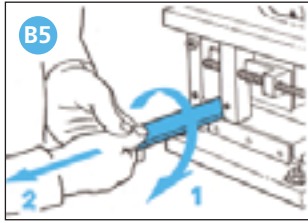
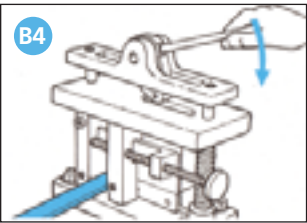
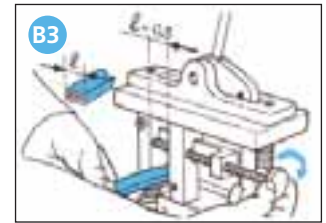
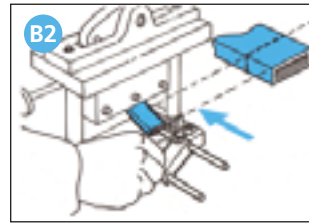
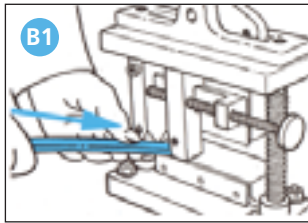
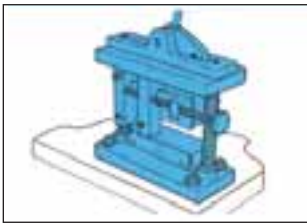
## A. CUTTING TO LENGTH

Clean and remove burrs. Start with the developed length plus approximately 10 mm to allow for the sliding of the laminates during bending. (see cutter Part No. 559170)



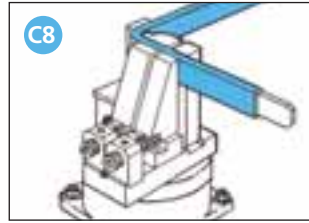
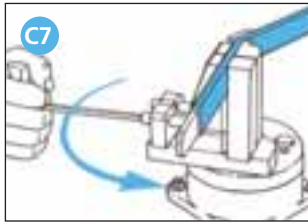
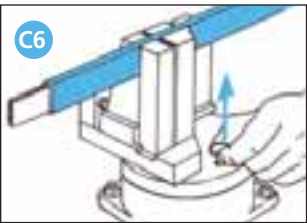
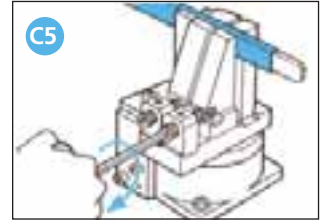
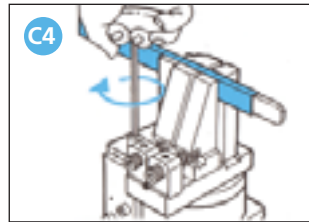
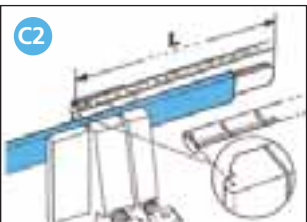
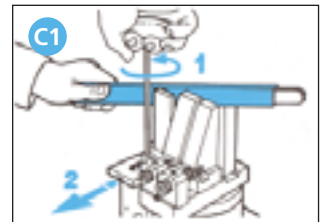
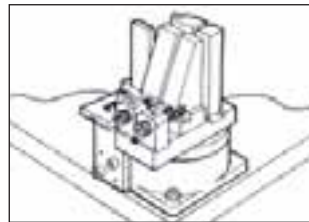
## B. STRIPPING

Accurate, without marking the copper. The connecting area can be kept as short as possible to reduce non-insulated parts in the panel (see stripper Article No. 559100 and knife SOK Article No. 559050)



## C. BENDING

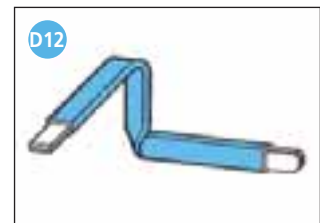
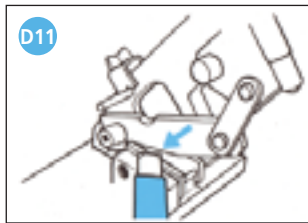
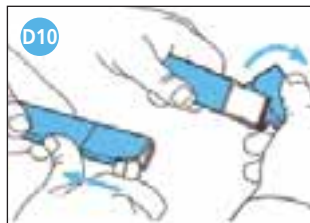
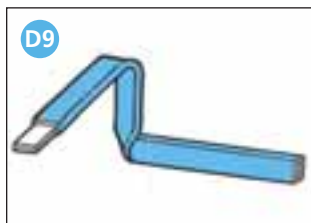
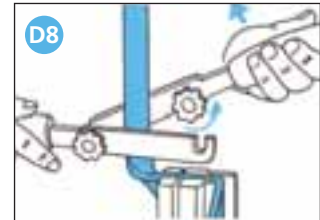
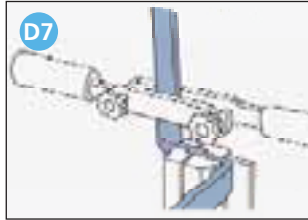
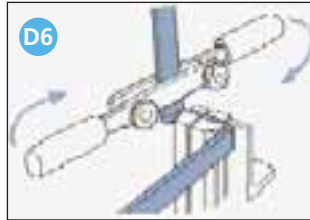
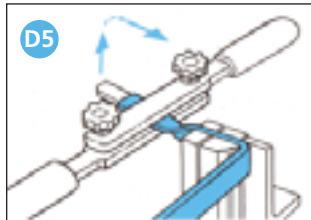
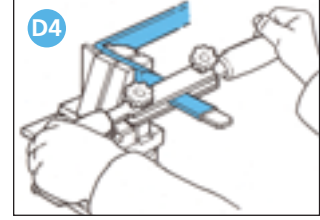
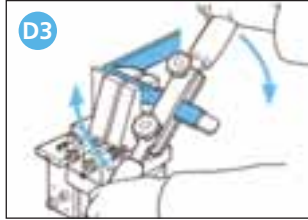
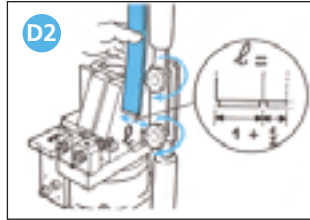
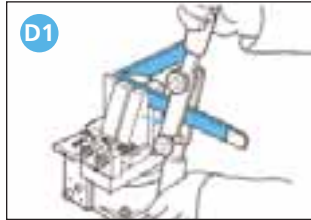
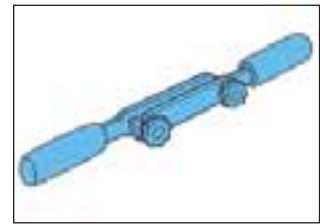
Quick and easy with no risk of damaging the insulation. Achieve clean neat bends which can be reproduced time after time. (See bending tool Article No. 559150)



# Manual Tools - Instruction for Use

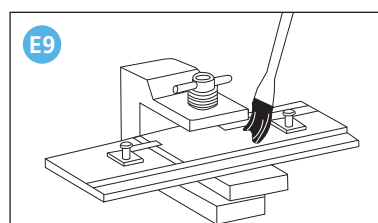
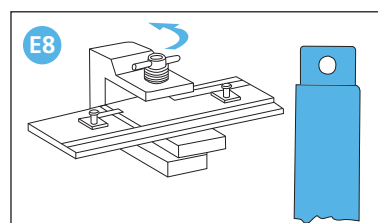
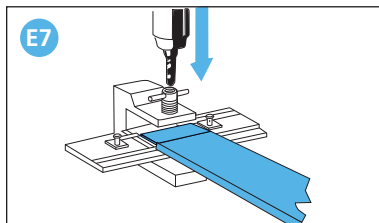
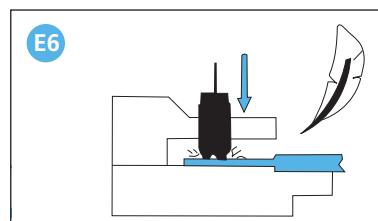
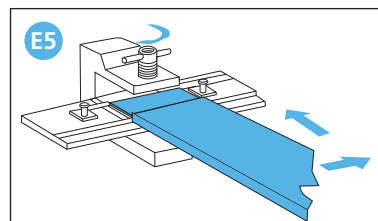
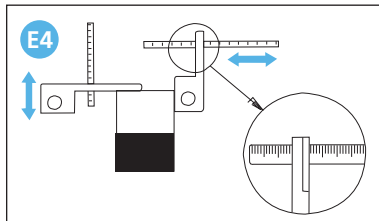
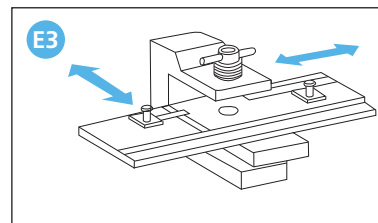
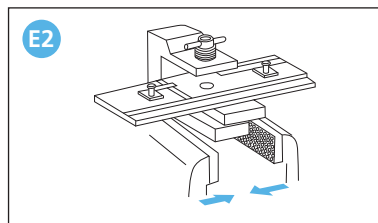
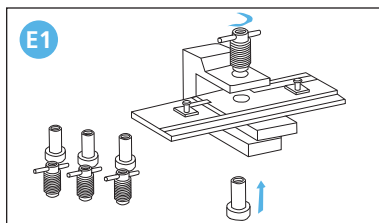
## D. TWISTING - CHANGING PLANE

Changing plane is possible and easy due to the very high flexibility of ERIFLEX® FLEXIBAR which allows the laminates to move within the insulated sleeve. (See twisting tool Article No. 559160) After forming, the ends should be trimmed with the cutter. This tool must not be used with ERIFLEX FLEXIBAR SUMMUM.



## E. DRILLING

ERIFLEX FLEXIBAR SUMMUM must only be punched. The drilling or punching of ERIFLEX® FLEXIBAR must be carried out with great care. It is important that on withdrawal of the drill or punch, the laminations remain tightly clamped to prevent deformation of the contact surface. ERIFLEX® FLEXIDRILL "R" (complete multi Ø, multi center).





ERICO is a leading global designer, manufacturer and marketer of precision-engineered specialty metal products serving niche markets in a diverse range of electrical, construction, utility and rail applications. The company is headquartered in Solon, Ohio, USA with a network of sales locations serving more than 25 countries and with manufacturing and distribution facilities worldwide. ERICO's well-known brand names include: CADDY® electrical and mechanical fixings, fasteners and supports; CADWELD® welded electrical connections; CRITEC® surge protection devices; ERICO® rail and industrial products; ERIFLEX® low voltage power distribution; ERITECH® facility electrical protection; and LENTON® concrete products. Visit ERICO online at [www.erico.com](http://www.erico.com).

## **ERICO**

34600 Solon Road – Solon, Ohio 44139 – U.S.A.  
Tel. 1-800-497-4304 – Fax 1-800-944-4296

### **WARNING**

ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at [www.erico.com](http://www.erico.com) and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

### **WARRANTY**

ERICO products are warranted to be free from defects in material and workmanship at the time of shipment. NO OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY ERICO PRODUCTS. Claims for errors, shortages, defects or nonconformities ascertainable upon inspection must be made in writing within 5 days after Buyer's receipt of products. All other claims must be made in writing to ERICO within 6 months from the date of shipment or transport. Products claimed to be nonconforming or defective must, upon ERICO's prior written approval in accordance with its standard terms and procedures governing returns, promptly be returned to ERICO for inspection. Claims not made as provided above and within the applicable time period will be barred. ERICO shall in no event be responsible if the products have not been stored or used in accordance with its specifications and recommended procedures. ERICO will, at its option, either repair or replace nonconforming or defective products for which it is responsible or return the purchase price to the Buyer. THE FOREGOING STATES BUYER'S EXCLUSIVE REMEDY FOR ANY BREACH OF ERICO WARRANTY AND FOR ANY CLAIM, WHETHER SOUNDING IN CONTRACT, TORT OR NEGLIGENCE, FOR LOSS OR INJURY CAUSED BY THE SALE OR USE OF ANY PRODUCT.

### **LIMITATION OF LIABILITY**

ERICO excludes all liability except such liability that is directly attributable to the willful or gross negligence of ERICO's employees. Should ERICO be held liable its liability shall in no event exceed the total purchase price under the contract. ERICO SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS OF BUSINESS OR PROFITS, DOWNTIME OR DELAY, LABOR, REPAIR OR MATERIAL COSTS OR ANY SIMILAR OR DISSIMILAR CONSEQUENTIAL LOSS OR DAMAGE INCURRED BY BUYER.

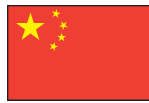
# ERICO®



[www.erico.com](http://www.erico.com)



**AUSTRALIA**  
Phone 1-800-263-508  
Fax 1-800-423-091



**CHINA**  
Phone +86-21-3430-4878  
Fax +86-21-5831-8177



**HUNGARY**  
Phone 06-800-16538  
Fax +39-0244-386-107



**NORWAY**  
Phone 800-100-73  
Fax 800-100-66



**SWITZERLAND**  
Phone 0800-55-86-97  
Fax 0800-55-96-15



**BELGIUM**  
Phone 0800-757-48  
Fax 0800-757-60



**DENMARK**  
Phone 808-89-372  
Fax 808-89-373



**INDONESIA**  
Phone +62-21-575-0941  
Fax +62-21-575-0942



**POLAND**  
Phone +48-71-349-04-60  
Fax +48-71-349-04-61



**THAILAND**  
Phone +66-2-267-5776  
Fax +66-2-636-6988



**BRAZIL**  
Phone +55-11-3623-4333  
Fax +55-11-3621-4066



**FRANCE**  
Phone 0-800-901-793  
Fax 0-800-902-024



**ITALY**  
Phone 800-870-938  
Fax 800-873-935



**SINGAPORE**  
Phone +65-6-268-3433  
Fax +65-6-268-1389



**UNITED ARAB  
EMIRATES**  
Phone +971-4-881-7250  
Fax +971-4-881-7270



**CANADA**  
Phone +1-800-677-9089  
Fax +1-800-677-8131



**GERMANY**  
Phone 0-800-189-0272  
Fax 0-800-189-0274



**MEXICO**  
Phone +52-55-5260-5991  
Fax +52-55-5260-3310



**SPAIN**  
Phone 900-993-154  
Fax 900-807-333



**UNITED KINGDOM**  
Phone 0808-2344-670  
Fax 0808-2344-676



**CHILE**  
Phone +56-2-370-2908  
Fax +56-2-369-5657



**HONG KONG**  
Phone +852-2764-8808  
Fax +852-2764-4486



**NETHERLANDS**  
Phone 0800-0200-135  
Fax 0800-0200-136



**SWEDEN**  
Phone 020-790-908  
Fax 020-798-964



**UNITED STATES**  
Phone 1-800-753-9221  
Fax +1-440-248-0723

ASME is a registered trademark of the American Society of Mechanical Engineers.  
CSA is a registered trademark of The Canadian Standards Association.  
IEC is a service mark of the Independent Electrical Contractors, Inc.  
NEC is a registered trademark of and National Electrical Code (NEC) standard is a copyright of the National Fire Protection Association.  
UL is a registered trademark of Underwriters Laboratories, Inc.

Copyright ©2009, 2010, 2011 ERICO International Corporation. All rights reserved.  
CADDY, CADWELD, CRITEC, ERICO, ERIFLEX, ERITECH, and LENTON are registered trademarks of ERICO International Corporation.

P549C-NAEN P680CT11NAEN 05M0711