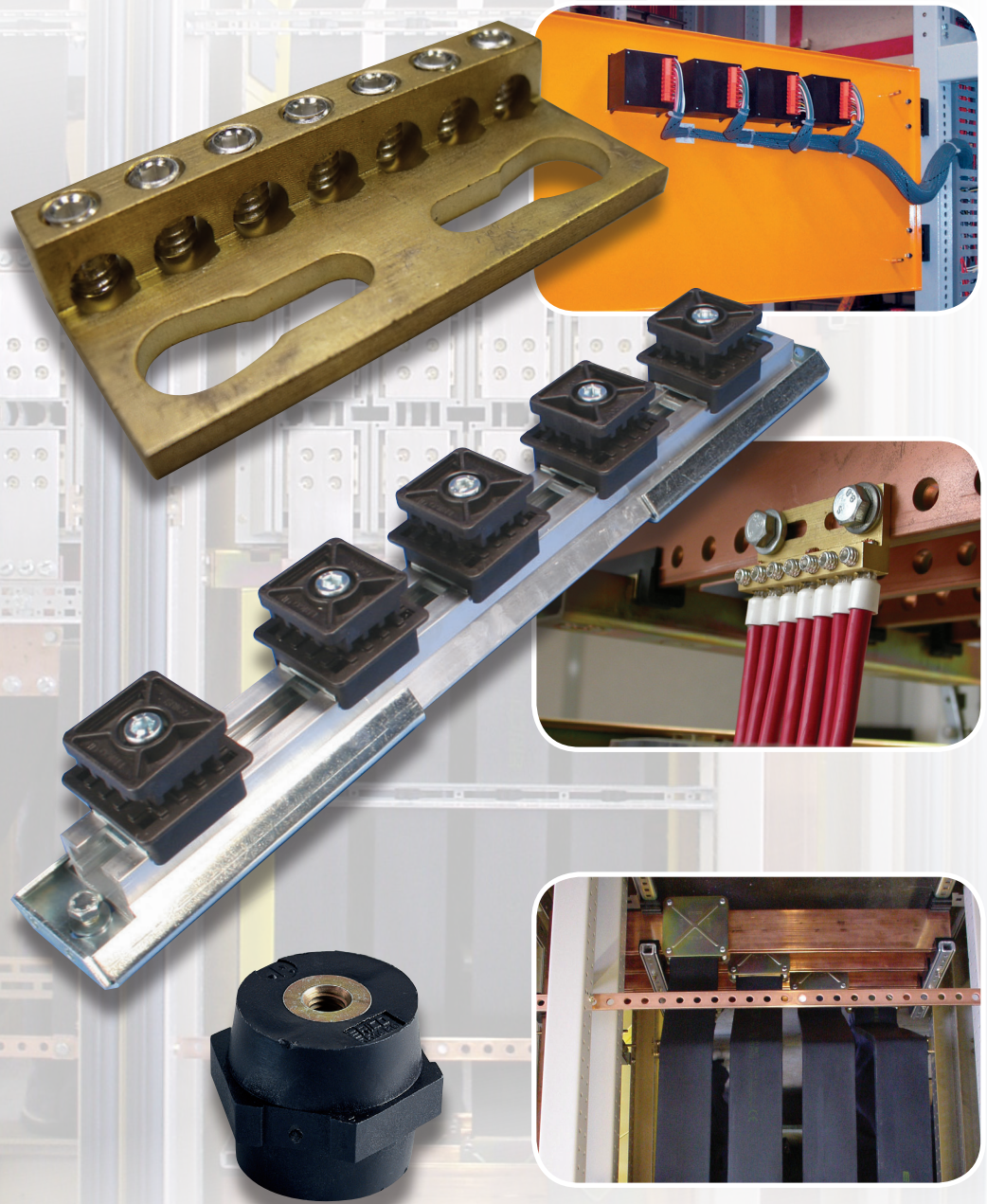


ERIFLEX®

Solutions for Electrical Power & Ground Connections (North America)

- *Insulators*
- *Busbar Supports*
- *Connecting Clamps*
- *Grounding Products*
- *Cabling Sleeves*



ERICO®

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 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

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	ERIFLEX® Advantages and Markets	2-3
	Certificates	4
	Product overview	5
	Copper Busbars and Clamps	6-7
	Connecting Clamps & Accessories	8-9
	Universal Connecting Bar	10
	Grounding Parts	11-12
	Busbar Supports	13-21
	Insulators, Spacers & Accessories	22-24
	Sleeves	25-26
	Profiles	27
	Cross reference list	28

Advantages and Markets

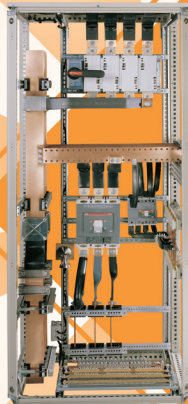
The ERICO Advantages

- A solution provider with strong expertise in a variety of markets worldwide
- A worldwide team of experts in electrical power connections
- Experienced manufacturer and global provider
- Full range of high-quality, reliable, certified products
- Innovative and compatible product designs
- Easy to use – saves time and space
- Maximize power density



Energy

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

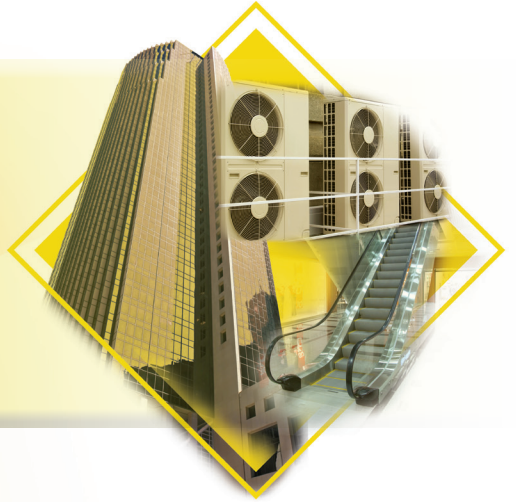


Transportation

- Marine
- Aircraft
- Ground Transportation
- Automotive

Industry & Buildings

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



Panelboard

- Power
- Control & Command Applications:
 - Power Switchboards
 - Distribution Panel
 - UPS
 - Power Factory Correction



Machinery

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



Certificates

Tests & Certificates

ERIFLEX components have received conformity certificates from several agencies/standards.

Worldwide Certification

UL®

CE

IEC®

GOST



Agency/Standard Approvals



IEC 60439.1 Standard
IEC 61439.1 Standard



Underwriters Laboratories
UL Recognized, File No. E125470
UL Recognized, File No. E322841



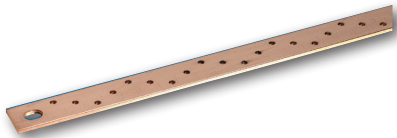
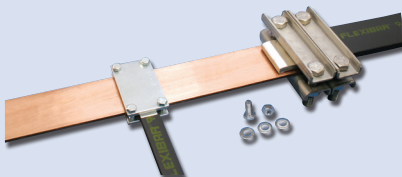
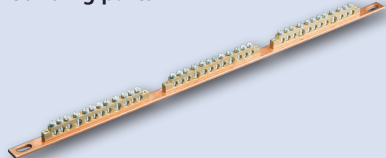
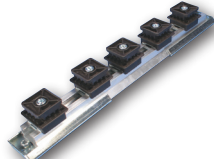
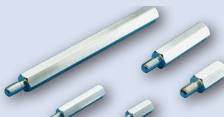
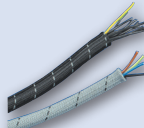
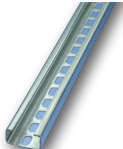
International Electrotechnical Association



GOST
Certificate compliance for Russia

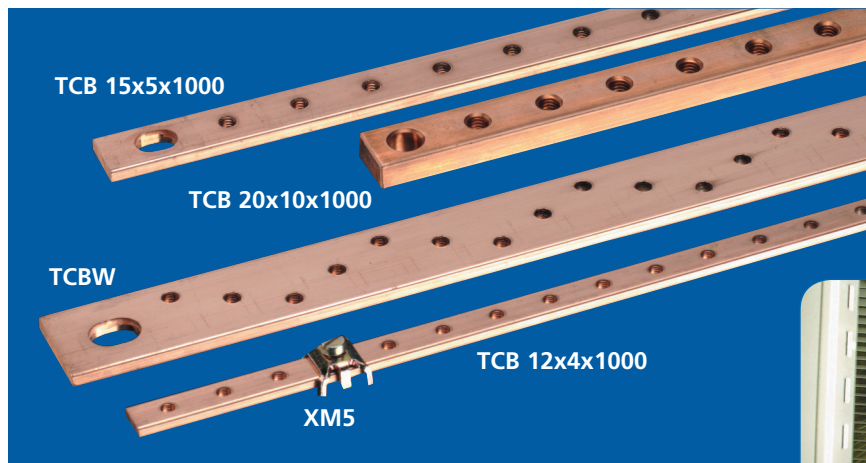


RoHS Compliant

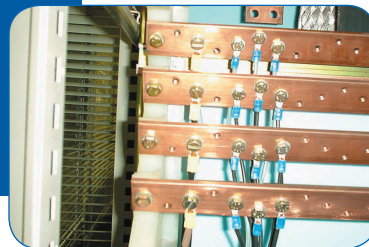
Product Range	Typical Uses	Typical Market
Copper busbars 	• Heavy-duty power connection • Circuit breaker, generator & prefabricated power network conductor • Alternative to large & multiple cables • Earth / ground connection • Power distribution	• Power distribution switchgear • Marine transportation • Machinery manufacturing • Busduct • Power generation
Connecting clamps 	• Heavy-duty power connection • Connection between busbar / flexible busbar / cable • Power distribution • "On site" installation / modification	• Power distribution switchgear • Power generation • Telecom • Machinery manufacturing • Busduct
Universal connecting bar 	• 450A power distribution bar • Unipolar distribution from busbar to cable • "On site" installation / modification	• Power distribution switchgear • Telecom • Machinery manufacturing • Industry & buildings
Grounding parts 	• Power, earthing/grounding and equipotential connections • Numerous connections • Electrical bonding interconnection	• Switchgear & control equipment • Electrical equipment manufacturers • Power generation (Wind, solar) • Data center
Busbar supports 	• Heavy-duty power connection support • Flat, on edge, inclined busbar support • Universal versatile support • Fixed or adjustable busbar support	• Power distribution switchgear • Marine transportation • Machinery manufacturing • Busduct • Power generation
Spacer & accessories 	• Insulated or non-insulated spacer • Accessories for easy distribution block assembly	• Power distribution switchgear • Machinery manufacturing
Insulators 	• Heavy-duty power connection insulator • Flat, on edge, busbar insulator • Universal versatile insulator	• Power distribution switchgear • Marine transportation • Machinery manufacturing
Sleeves 	• Expandable cabling sleeves • Wiring mechanical protection • Wiring temperature protection	• Switchgear & control equipment • Transportation • Machinery manufacturing
Profiles 	• Symmetric / asymmetric profiles • Perforated or non-perforated profiles • Rapid assembly of all kinds of frameworks	• Switchgear & control equipment • Transportation • Machinery manufacturing

Copper Busbars

Threaded Busbar



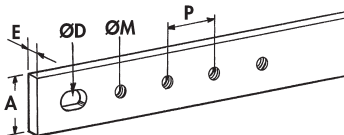
- Electrolytic copper
- Rounded corners
- Thickness: from 2 to 10 mm
- Length: from 1000 to 2000 mm



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	kg
549220	TCB 12 x 5	12	5	18	-	M5	0.50
550210	TCB 15 x 5	15	5	25	8 x 12	M6	0.65
550220	TCB 20 x 5	20	5	25	10 x 14	M6	0.85
550230	TCB 32 x 5	32	5	25	12 x 16	M6	1.35

TCB

..x 5 x 2000 mm

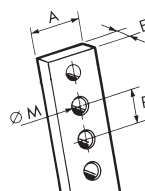
- Threaded Busbars
- Thickness 5 mm
- Threaded M6
- Length 2000 mm

Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	kg
549000	TCBS 15 x 5	15	5	17,5	8 x 12	M6	1.19
549010	TCB 20 x 5	20	5	25	10 x 14	M6	1.67
549020	TCB 30 x 5	30	5	25	12 x 16	M6	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	ØD mm	kg
549230	TCB 12 x 2 x 1000	12	2	18	M5	0.300
550200	TCB 12 x 4 x 1000	12	4	18	M5	0.430
549200	TCB 18 x 4 x 1000	18	4	20	M8	0.600
549210	TCB 25 x 4 x 1000	25	4	20	M6	0.800

TCB

12 x 4 x 2000 mm

- Threaded Busbars 12 x 4
- Thickness 4 mm
- Threaded M5
- Length 2000 mm

Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	kg
550190	TCB 12 x 4 x 2000	12	4	18	M5	0.850

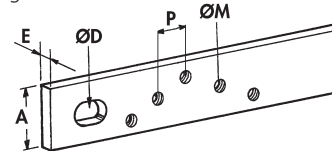
Connector XM5

For 12 x 4 Threaded Busbars

Part No.	DESCRIPTION	kg
550250	Connector XM5	0.010

TCBW

- Threaded Busbars 32 x 5W
- Connections: 40% more
- Thickness 5 mm
- Threaded M6
- Length 2000 mm

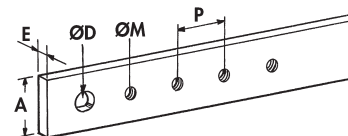


Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	kg
549030	TCBW 32 x 5 x 2000	32	5	17,5	12 x 16	M6	2.65

TCB

..x 10 x 1000/2000 mm

- Threaded Busbars
- Thickness 10 mm
- Threaded M8
- Length 1000 and 2000 mm



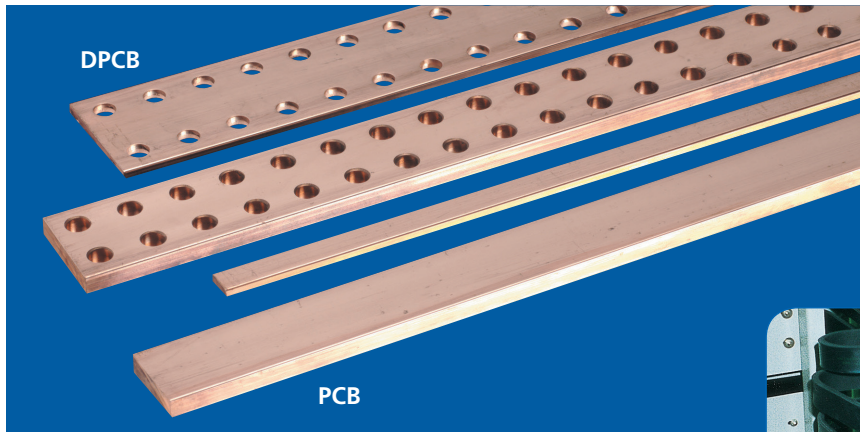
Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	kg
550290	TCB 20 x 10 x 1000	20	10	25	10	M8	1.67
550180	TCB 30 x 10 x 1000	30	10	25	10	M8	2.50

Part No.	DESCRIPTION	A mm	E mm	P mm	ØD mm	ØM	kg
550160	TCB 30 x 10 x 2000	30	10	25	10	M8	5.4

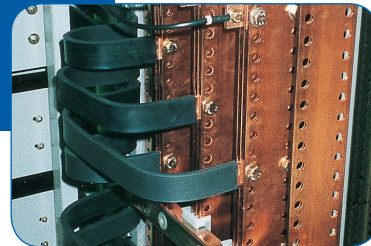
OTHER THREADED BARS ON REQUEST

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Punched and Plain Busbars



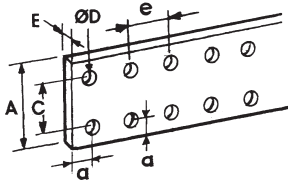
- Design and assembly time saving
- Current: up to 7400 A
- Thickness: from 4 to 10 mm
- Length: from 1000 to 4000 mm



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	kg
550400	DPCB 25 x 5	25		12.5	25	10.5	1.40
550410	DPCB 50 x 5	50	25	12.5	25	10.5	3.40
550420	DPCB 63 x 5	63	38	12.5	25	10.5	4.40
550430	DPCB 80 x 5	80	55	12.5	25	10.5	5.70
550440	DPCB 100 x 5	100	75	12.5	25	10.5	7.25
550450	DPCB 125 x 5	125	100	12.5	25	10.5	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	kg
550350	DPCB 50 x 10	50	25	12.5	25	10.5	6.8
550360	DPCB 60 x 10	60	35	12.5	25	10.5	8.8
550370	DPCB 80 x 10	80	55	12.5	25	10.5	11.4
550380	DPCB 100 x 10	100	75	12.5	25	10.5	14.5
550390	DPCB 120 x 10	120	95	12.5	25	10.5	18.4

PCB Plain Busbars

Thickness 4 or 5 mm

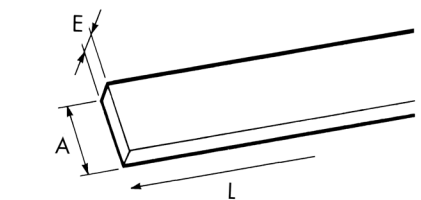
- Length 1000 and 2000 mm

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

Thickness 5 mm

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

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



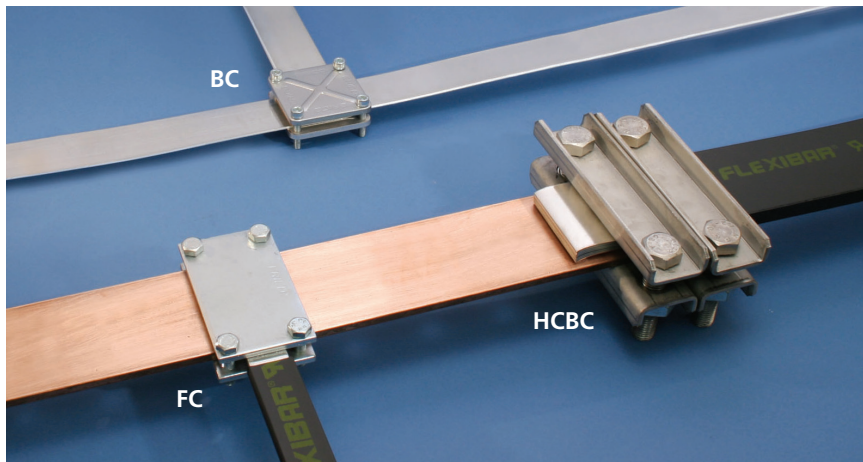
Thickness 10 mm

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

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

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Connecting Clamps and Accessories

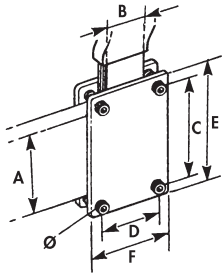


Connecting Clamps

- Allows excellent electrical contact
- Very compact: space saving
- Quick installation
- Ideal for "on site" modifications

FC ERIFLEX® FLEXIBAR Clamp

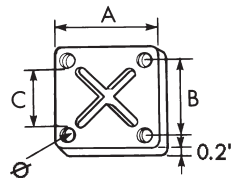
- Clamping capacity: 0.79 inches
- 2 zinc plated steel plates complete with M8 screws 8.8 class



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

BC Ribbed-Steel Busbar Clamp

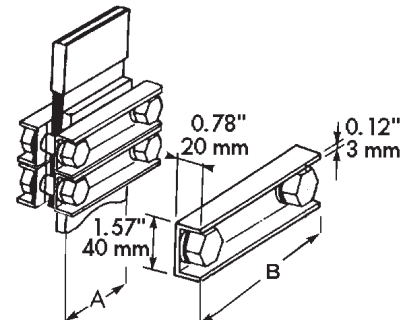
- Clamping capacity: 0.79 inches
- 2 ribbed zinc-plated hardened-steel plates complete with screws
- Maximum clamping capacity is 50 mm using longer screws SAE Grade 5
- UL® 67 recognized



Part No.	DESCRIPTION	A in	B in	C in	Ø mm	Torque ft/lbs	Box	Weight lbs
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	1.30
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	29.50	4	2.60
553260	BC 100	5.67	4.64	4.21	M10	29.50	4	3.79

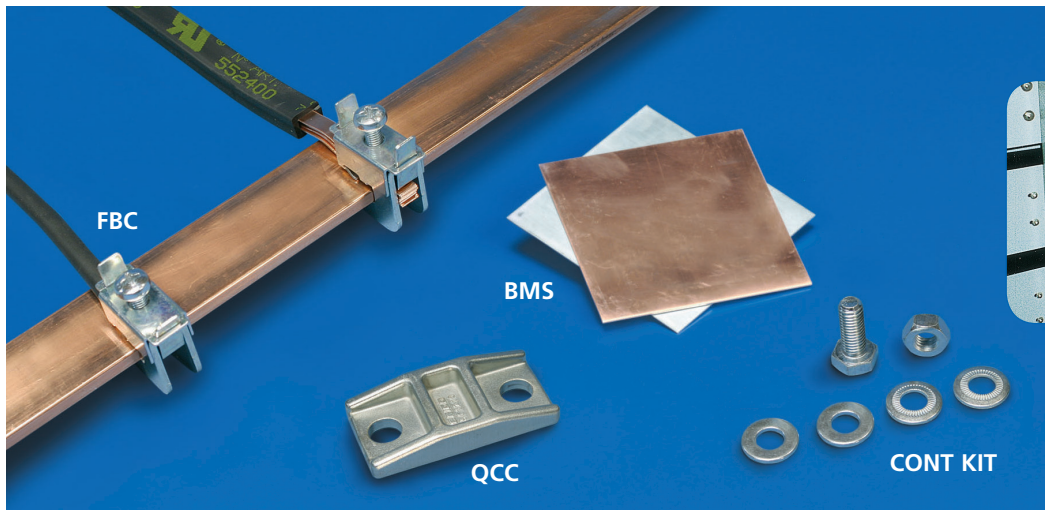
HCBC High Current Busbar Clamp

- 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 2 clamps to guarantee the contact pressure



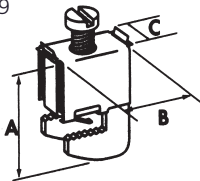
Part No.	DESCRIPTION	Busbar A in	Busbar B mm	Overall Width B in	Overall Bolt Length in	Torque ft/lbs	Box	Weight lbs
553100	HSBC 80	3.15	80	5.5	2.35	74	1	1.85
553110	HSBC 100	3.94	100	6.3	2.35	74	1	2.03
553120	HSBC 120	4.72	120	7.2	3.15	74	1	2.20

Connecting Clamps and Accessories



FBC Connectors for Connecting without Drilling

- Very compact connector for connecting without drilling to a 5 or 10 mm thick busbar :
- Cables from 1 mm² up to 185 mm² or ERIFLEX® FLEXIBAR width 6 to 20 mm
- Self-support of connector during mounting procedure
- IEC 60999



ERIFLEX FLEXIBAR Type Connectors for busbars thickness 5 mm

Part No.	DESCRIPTION	A mm	B mm	C mm	ERIFLEX FLEXIBAR type	Torque N.m	CABLE SIZE mm ²	kg
553405	FBC 5 x 4	23	29	11		2	1-4	0.016
553400	FBC 5 x 6	28	31	14	6 mm	3	2.5-16	0.028
553410	FBC 5 x 9	36	40	19	9 mm	6-8	16-50	0.068
553510	FBC 5 x 15.5	44	40	25	15.5 mm	10-12	35-70	0.110
553520	FBC 5 x 20	48	40	31	20 mm	12-15	70-185	0.132

Connectors for busbars thickness 10 mm

Part No.	DESCRIPTION	A mm	B mm	C mm	ERIFLEX FLEXIBAR type	Torque N.m	CABLE SIZE mm ²	kg
553505	FBC 10 x 4	28	29	12		2	1-4	0.018
553430	FBC 10 x 6	33	31	14	6 mm	3	2.5-16	0.030
553440	FBC 10 x 9	42	40	19	9 mm	6-8	16-50	0.070
553530	FBC 10 x 15.5	49	40	25	15.5 mm	10-12	35-70	0.112
553540	FBC 10 x 20	54	40	31	20 mm	12-15	70-185	0.138

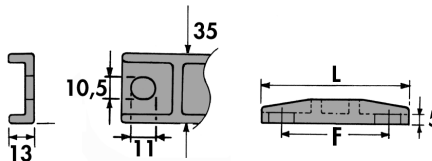
BMS Bimetal Plate

- For high performance contact between an aluminum busbar and a copper busbar.
- 70% aluminum - 30% copper

Part No	DESCRIPTION	Size	kg
553080	BMS 100	100 x 100 x 1	0.058
553090	BMS 500	500 x 500 x 1	1.45

QCC Clamps ERIFLEX FLEXIBAR

- For ERIFLEX FLEXIBAR thickness ≤ 5 mm = 1 clamp
- For ERIFLEX FLEXIBAR thickness > 5 mm = 2 clamps



Part No.	DESCRIPTION	ERIFLEX FLEXIBAR width min. mm	max. mm	L mm	F mm	kg
561200	QCC 6/13	6	13	48	25	0.068
561210	QCC 15.5/32	15.5	32	70	50	0.112
561220	QCC 40/63	40	63	95	75	0.158

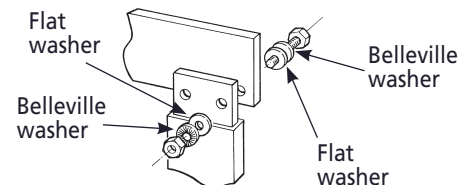
CONT KIT Metal Nuts and Bolts Contact Kits

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

Part No.	DESCRIPTION	Torque ft/lbs	kg
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

CLAMPING TORQUE CALCULATION

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

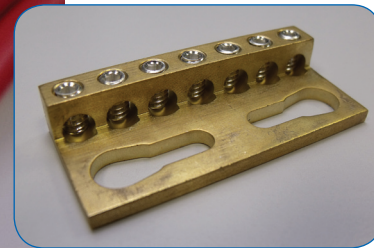
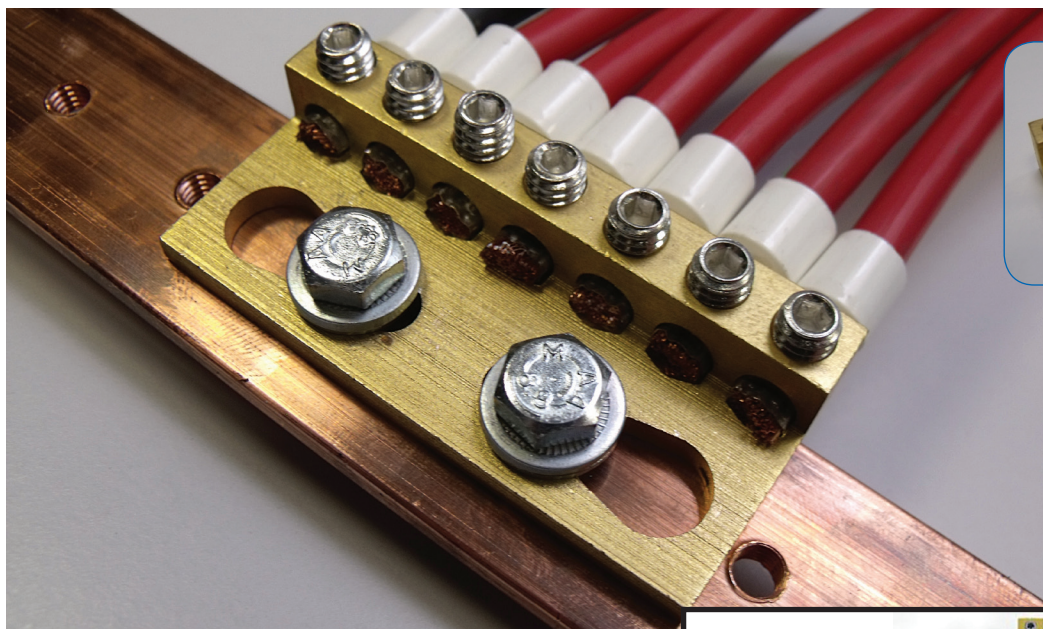


Bolt Size	1/4"-20	5/16"-18	3/8"-16	7/16"-14	1/2"-13	9/16"-12	5/8"-11
Torque (ft-lbs)	9	18	31	50	75	110	150

Alt - Metric

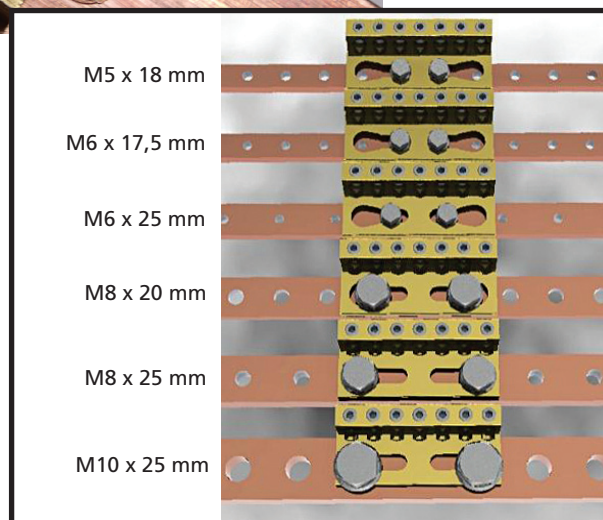
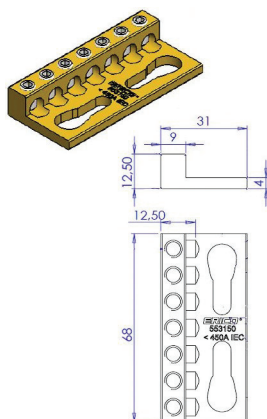
Bolt Size	M6	M8	M10	M12	M14	M16
Torque (newton-meters)	13	30	60	110	174	274

Universal Connecting Bar



Universal Connecting Bar CB 7x16² - 450A

- Offers a current rating up to 450A
- Easy to wire with a hexagonal key
- Allows visual inspection of wire and confirmation of connection
- For use with punched or threaded copper busbar
- Can connect up to seven 1.5 to 16 mm² cables
- High fill ratio allows output connection with or without terminal
- Features high-conductivity brass material

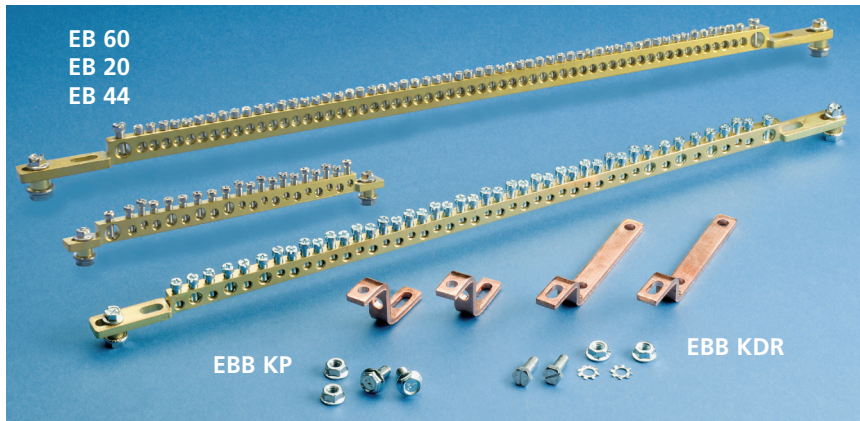


Part No.	DESCRIPTION	Diameter mm	kg
553150	CB 7x16²	7.5	0.082

	Metric mm²	Imperial AWG	Terminals	I' (N.m)	Torque inch/lbs	Notes
	1.5 → 16	8 → 1/0	x7	3.5	31	- with terminal - without terminal, rigid cable

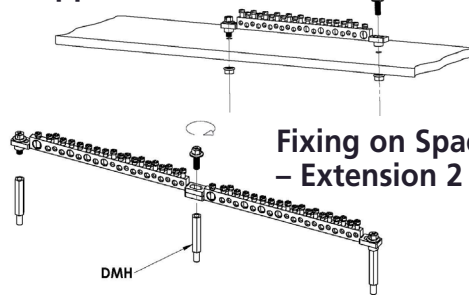
The connecting bar is a 450 A power distribution bar that is designed to be connected to threaded or perforated copper or tinned aluminum busbar. Part of the ERIFLEX® line of low-voltage power distribution products from ERICO, this compact system is only 68 mm long and allows for the connection of up to seven 1.5 to 16 mm² output cables.

Featuring high-conductivity brass material, the connecting bar is quick and easy to install, requiring only two M5 to M10 screws with a pitch from 18 mm to 25 mm. The hexagonal key helps simplify wiring, and the convenient design allows visual inspection of the wire and confirmation of the connection. The high fill ratio allows an output connection with or without a terminal.

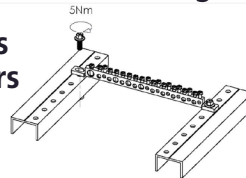


- Universal fixing
- Numerous connections
- Easy connections due to chamfer
- Rigid bar
- High conductivity brass quality
- Copper Brackets kit for easy fixing

Fixing on Copper Bar



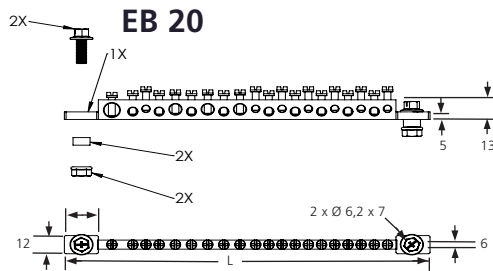
Direct Fixing



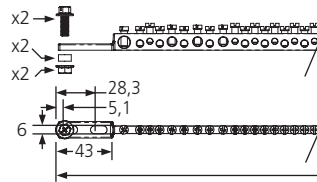
Fixing on Spacers – Extension 2 Bars

Ø	<12 mm			EB20	EB44	EB60
9.1 mm	16 - 35 mm²	10 - 35 mm²	2 Nm	x 1	x 1	x 1
7.0 mm	4 - 16 mm²	2,5 - 16 mm²	2 Nm	x 3	x 6	x 1
5.3 mm	2.5 - 6 mm²	1.5 - 6 mm²	1.5 Nm	x 9	x 21	
4.5 mm	1.5 - 4 mm²	0.75 - 4 mm²	1.5 Nm	x 7	x 17	x 58

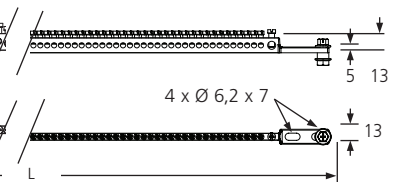
Part No.	DESCRIPTION	L		kg
568660	EARTH BAR EB 44	462	1	0.300
568661	EARTH BAR EB 60	462	1	0.311
568662	EARTH BAR EB 20	215	1	0.193



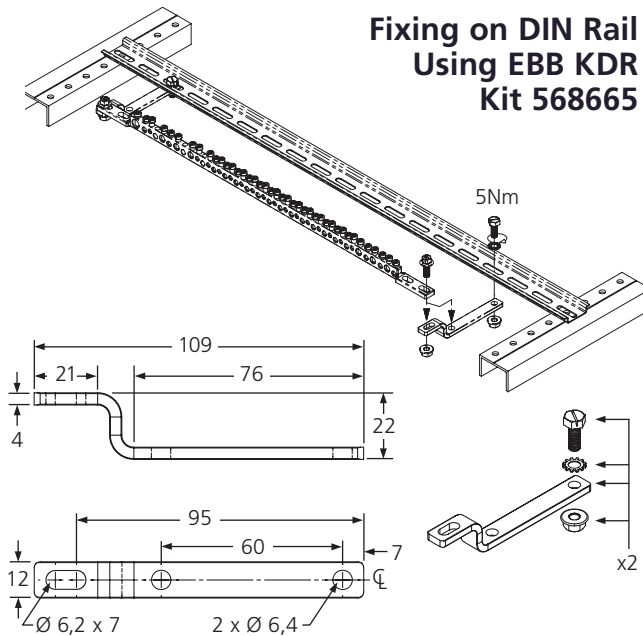
EB 44



EB 60

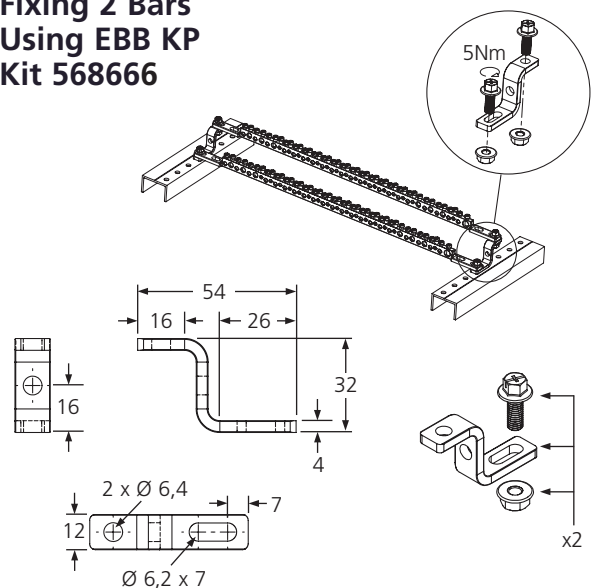


Fixing on DIN Rail Using EBB KDR Kit 568665



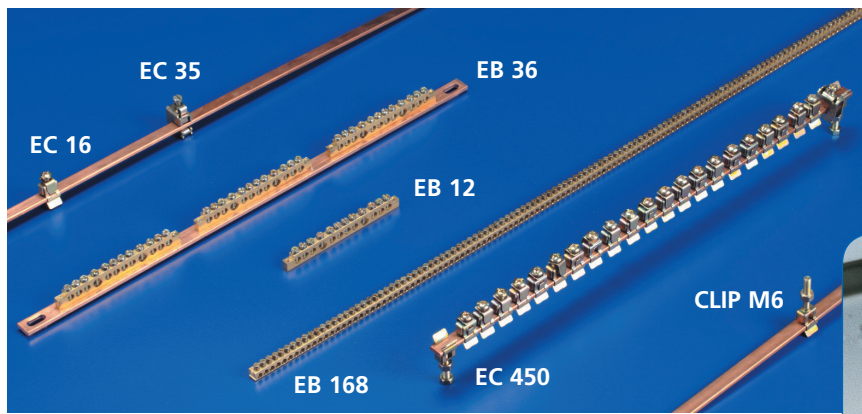
Part No.	DESCRIPTION		kg
568665	EBB KDR KIT DIN RAIL	1	0.064

Fixing 2 Bars Using EBB KP Kit 568666

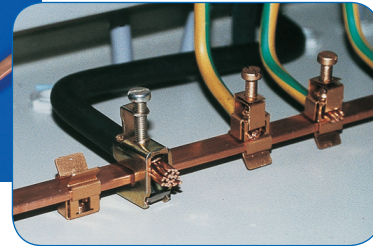


Part No.	DESCRIPTION		kg
568666	EBB KP KIT PLATE	1	0.102

Grounding Parts

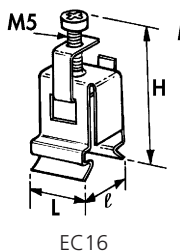


- Quick and easy connections
- Large and versatile range
- Connections: from 2.5 to 35 mm²

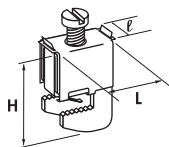


EC Earthing Connectors

- 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



EC 16



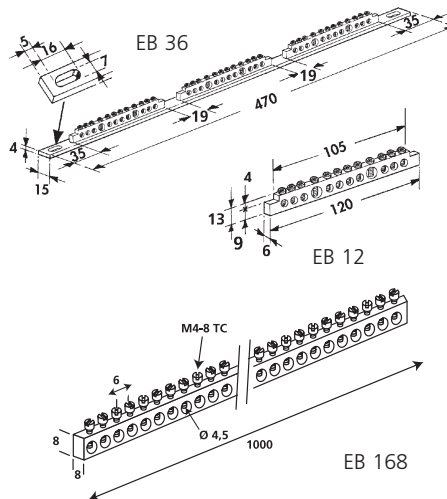
EC 35

16 mm² flexible cable
35 mm² rigid cable

Part No.	DESCRIPTION	L mm	I mm	H mm	Box	kg
553460	EC 16 ² -4	17	14	38	20	0.010
553480	EC 16 ² -5	17	14	38	20	0.010
553470	EC 35	23	11.5	27	20	0.025

EB Earthing and Neutral Busbar

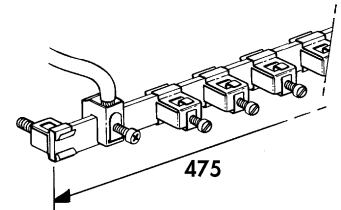
- EB 12 : earthing brass busbar 13 x 6 for 10 connections 16 mm² and 2 connections 35 mm²
- EB 36 : earthing copper busbar 15 x 4 equipped with 3 EB12
- EB 168 : earthing brass busbar 8 x 8 for 168 connections 10 mm² maxi



Part No.	DESCRIPTION	Box	kg
568610	EB 12	10	0.068
568611	EB 12	200	0.068
568620	EB 36	10	0.456
568630	EB 168	10	0.454

KIT EC 450 Earthing Kit

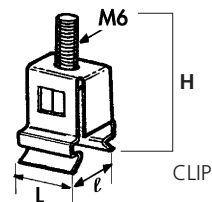
- Plain bar 12 x 4 x 475 mm long.
- 1 connector 35 mm²
- 20 connectors 16 mm² + 2 mounting clips



Part No.	DESCRIPTION	Box	kg
562100	KIT EC 450	1	0.362

CLIP M6 Mounting Clip

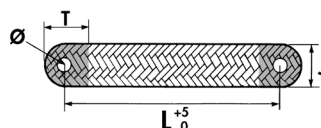
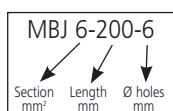
- FOR PLAIN BARS 12 x 4 and 12 x 5



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

MBJ

Part No.	DESCRIPTION	Intensity A	Thick mm	Section mm ²	L mm	Ø mm	J mm	Box	kg
563410	MBJ 6-200-6	40	1.1	6	200	6.5	13	23	0.0167
556640	MBJ 16-200-8	120	1.5	16	200	8.5	15	25	0.033
556740	MBJ 30-200-10	180	2	30	200	10.5	23	33	0.062



BJ

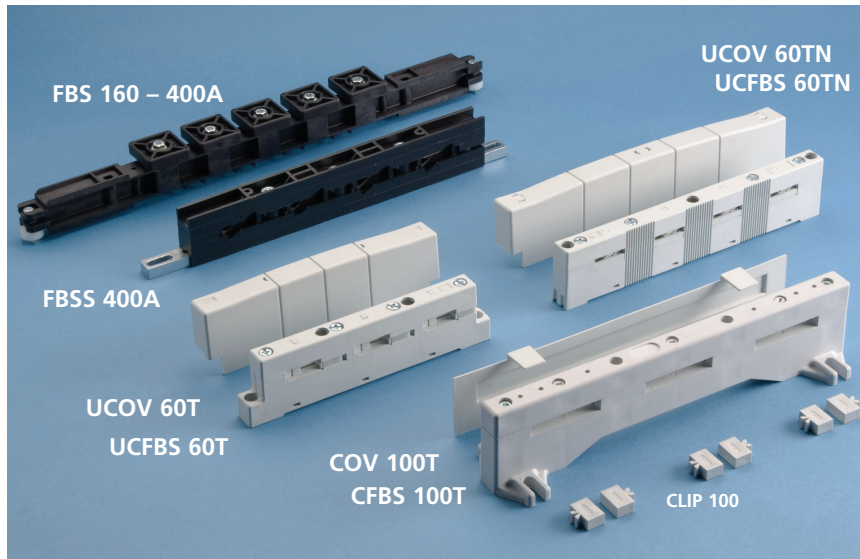
Part No.	DESCRIPTION	Section mm ²	L mm	Ø D mm	Intensity A	Box	kg
556910	BJ 6-200 S	6	200	6,5	45	10	0.015



Round braids with crimped lugs

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

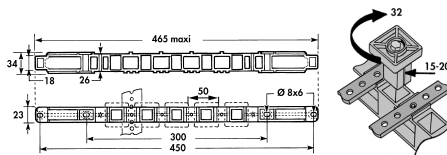
Flat Busbar Supports



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

FBS 160 – 400A

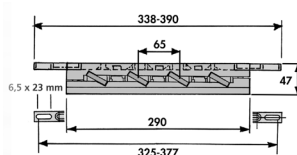
- For threaded bars 15-20-32 x 5 mm, 3 phase & neutral circuit
- Plastic positioning pin for bar location
- A screen can be fixed using spacers
- An earth can be mounted on either right or left side
- Halogen free



Part No.	DESCRIPTION	Bar width mm	Bar thickness mm		
551350	FBS 400A	15-20-32	5	1	0.30

FBSS 400A

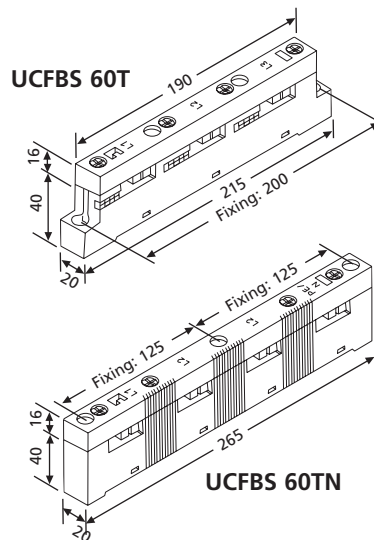
- For bars 32 x 5 without drilling
- Easy connection (inclined bars)
- Adjustable arms for an easy mounting and M6 screw included in the packaging
- Provision for fixing protective screen with self-tapping screws
- Halogen free



Part No.	DESCRIPTION		
551190	FBSS 32 x 5	2	0.316

UCFBS 60 T-TN 160 – 630A

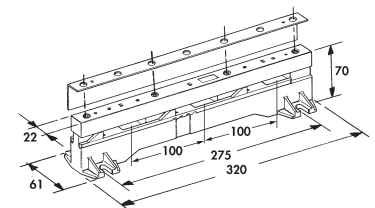
- Bar thickness 5 & 10 mm
- Versatile support for bars 15, 20, 25 and 30 mm
- UL 94 VO
- Max. temp.: 130°C
- End cover 562710 and 562760 to cover busbar ends



Part No	DESCRIPTION				 kg
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	4	0.262
562760	UCOV 60 TN			10	0.034

CFBS 100 T 630 – 1200A

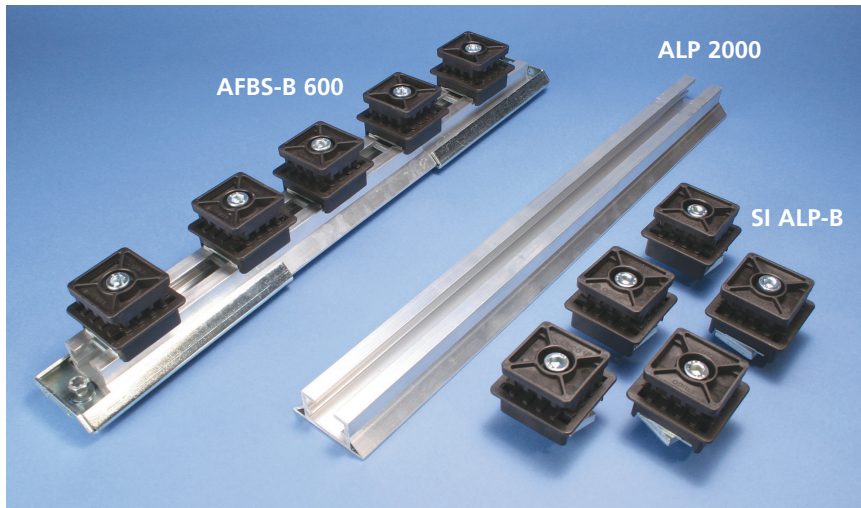
- Bar thickness 10 mm
- Versatile support for bars 30, 40, 50 and 60 – using the clips
- UL 94 VO
- Max. temp.: 130°C
- End cover 562810 to cover busbar ends



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

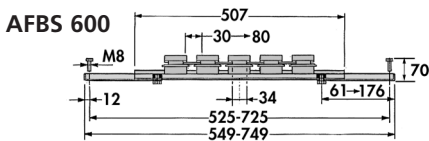
Adjustable Flat Busbar Supports



- 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

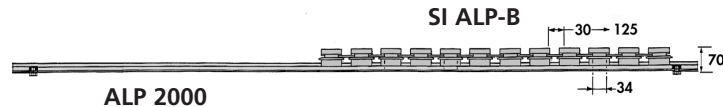
- Versatile support for bars 30 to 80 mm
- For busbar thickness: 5 or 10 mm
- 3 phase + neutral circuit
- Halogen free
- See below for some applications



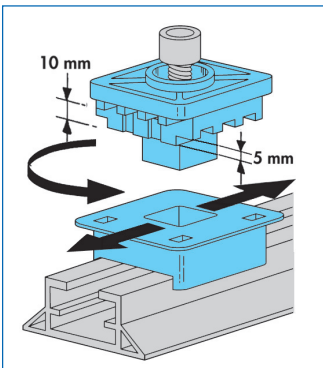
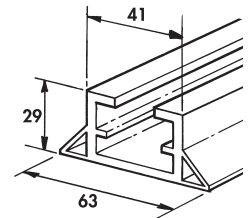
Part No.	DESCRIPTION		
504971	AFBS-B 600	1	2.200 kg

AFBS UP TO 2300A

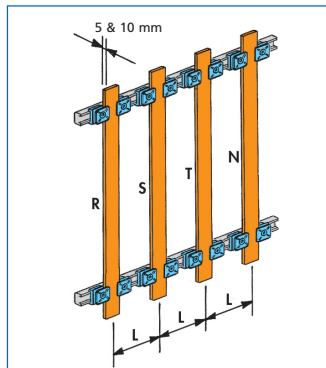
- Versatile support for bars 30 to 125 mm to build with:
- ALP 2000 aluminium rail length 2000 mm
- + SI ALP-B insulator blocks
- 3 phase + neutral circuit
- For busbar thickness 5 or 10 mm
- Halogen free



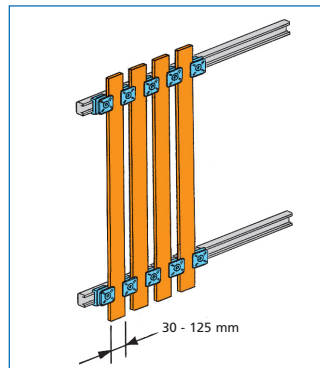
Part No.	DESCRIPTION		
504980	ALP 2000	2	2.950 kg
504991	SI ALP-B	12	0.258 kg



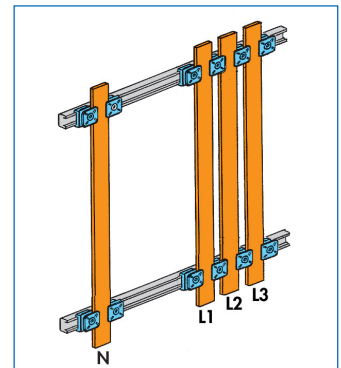
Slide and adjust to busbar thickness (5 or 10 mm) by simply rotating the insulator.



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

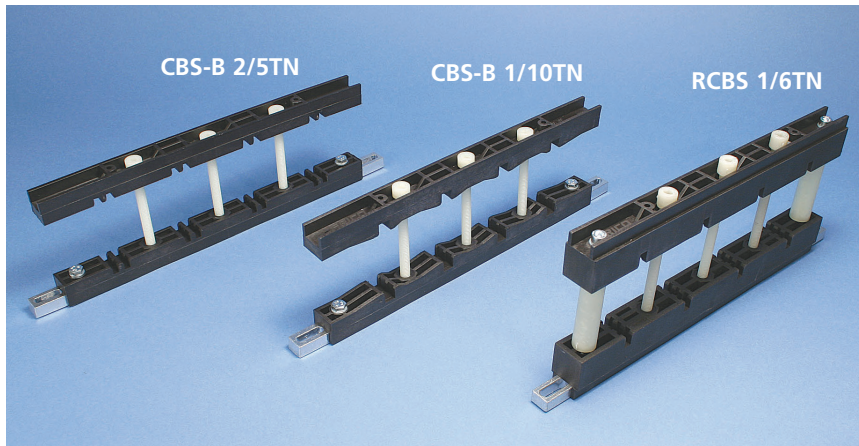


1 insulator can support 2 bars. Fixed distance between bars: 34 mm.



The 2 applications can be combined.

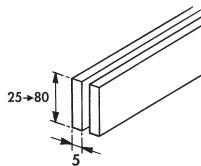
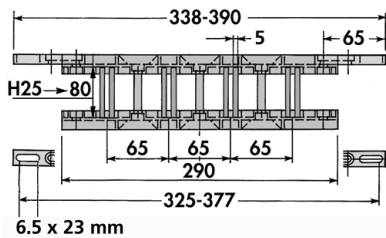
Compact and Reinforced Busbar Supports



- 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

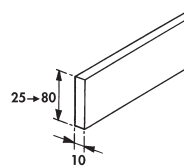
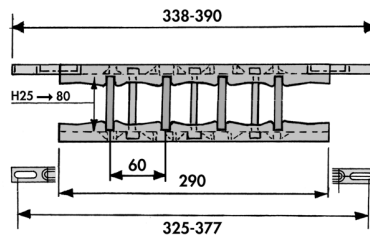
- For bar thickness 5



Part No.	DESCRIPTION	Bar thickness mm	Busbars per phase			kg
551151	CBS-B 2/5 TN	5	2	1		0.200

CBS-B 1/10TN 250-1600A

- For bar thickness 10 mm

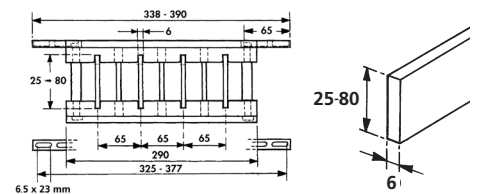


Part No.	DESCRIPTION	Bar thickness mm	Busbars per phase			kg
551181	CBS-B 1/10 TN	10	1	1		0.260

RCBS 1/6TN-1/10TN Mechanically Reinforced

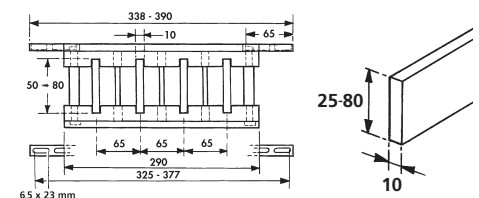
- Distance between copper bars and frame : 24 mm

- RCBS 1/6TN
- 500-1200A
- for bar thickness : 6.35 mm



Part No.	DESCRIPTION	Bar thickness mm	Number of busbars per phase			kg
552050	RCBS 1/6 TN*	6	1	1		0.650

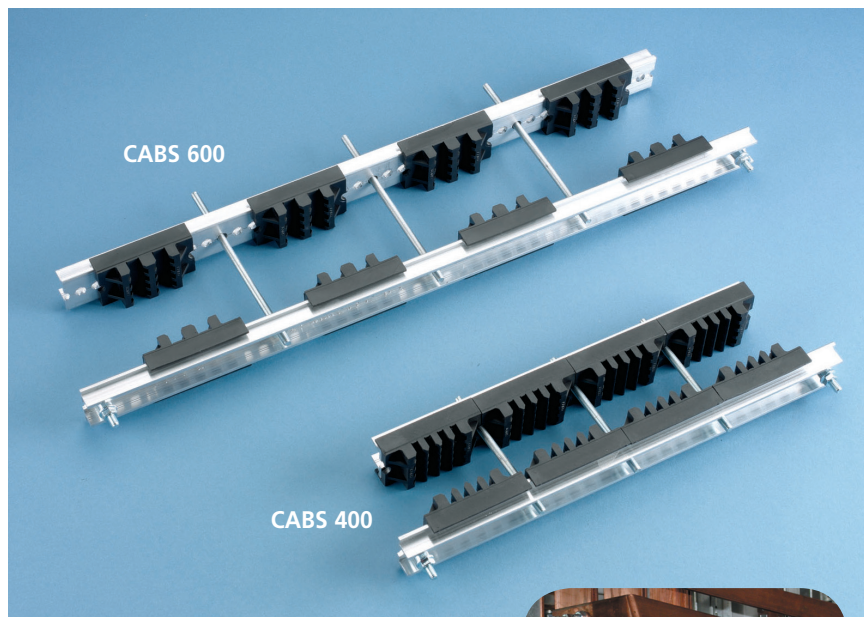
- RCBS 1/10TN
- 500-1600A
- for bar thickness : 10 mm



Part No.	DESCRIPTION	Bar thickness mm	Number of busbars per phase			kg
552070	RCBS 1/10 TN*	10	1	1		0.620

Busbar Supports

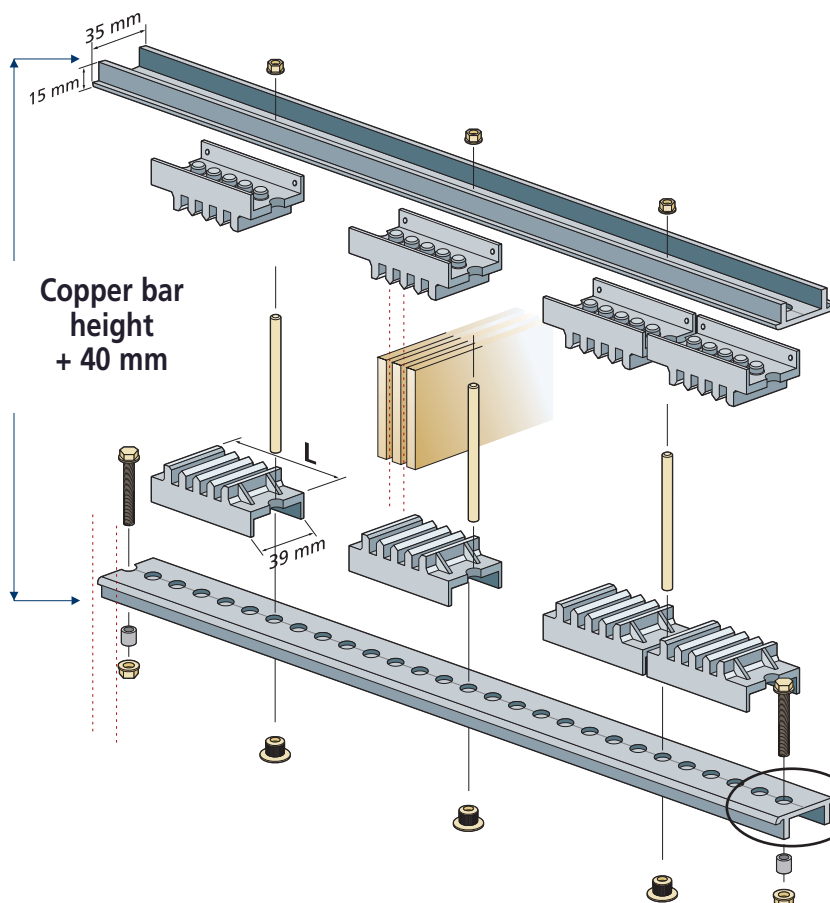
Compact and Adjustable Busbar Supports



- Universal fixing support
- Easy to install
- Adjustable distance between each phase (12.5 mm pitch)
- Standard or customised 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

Technical Features

- Panels: 300 to 800 mm
- Bars: 30 to 125 mm
- Thickness: 5 or 10 mm
- From 400A up to 4500 A



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



Single



Double Version 1

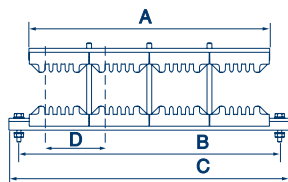


Double Version 2

For calculation purpose:
see ERIFLEX® Software

Compact and Adjustable Busbar Supports (CABS)

Standard CABS Supports Ready To Use:



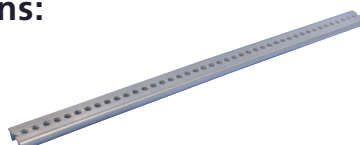
	CABS400	CABS600
A	300	500
B	325	525
C	350	550
D	75	75 → 125
4/5TN	549310	549260
2/10TN	549320	549270

Part No.	DESCRIPTION		kg	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:

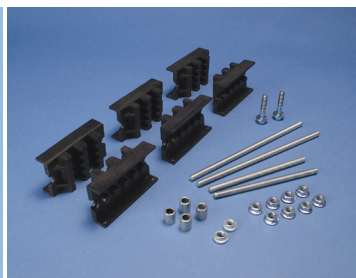
1 Aluminum Profile 2M (CABS App)



Part No.	DESCRIPTION		kg
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		kg	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		kg	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

Part No.	DESCRIPTION		kg
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
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



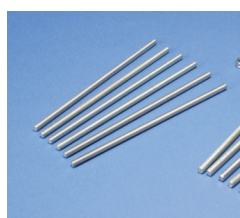
BRACKET CABS BT



BRACKET CABS SV



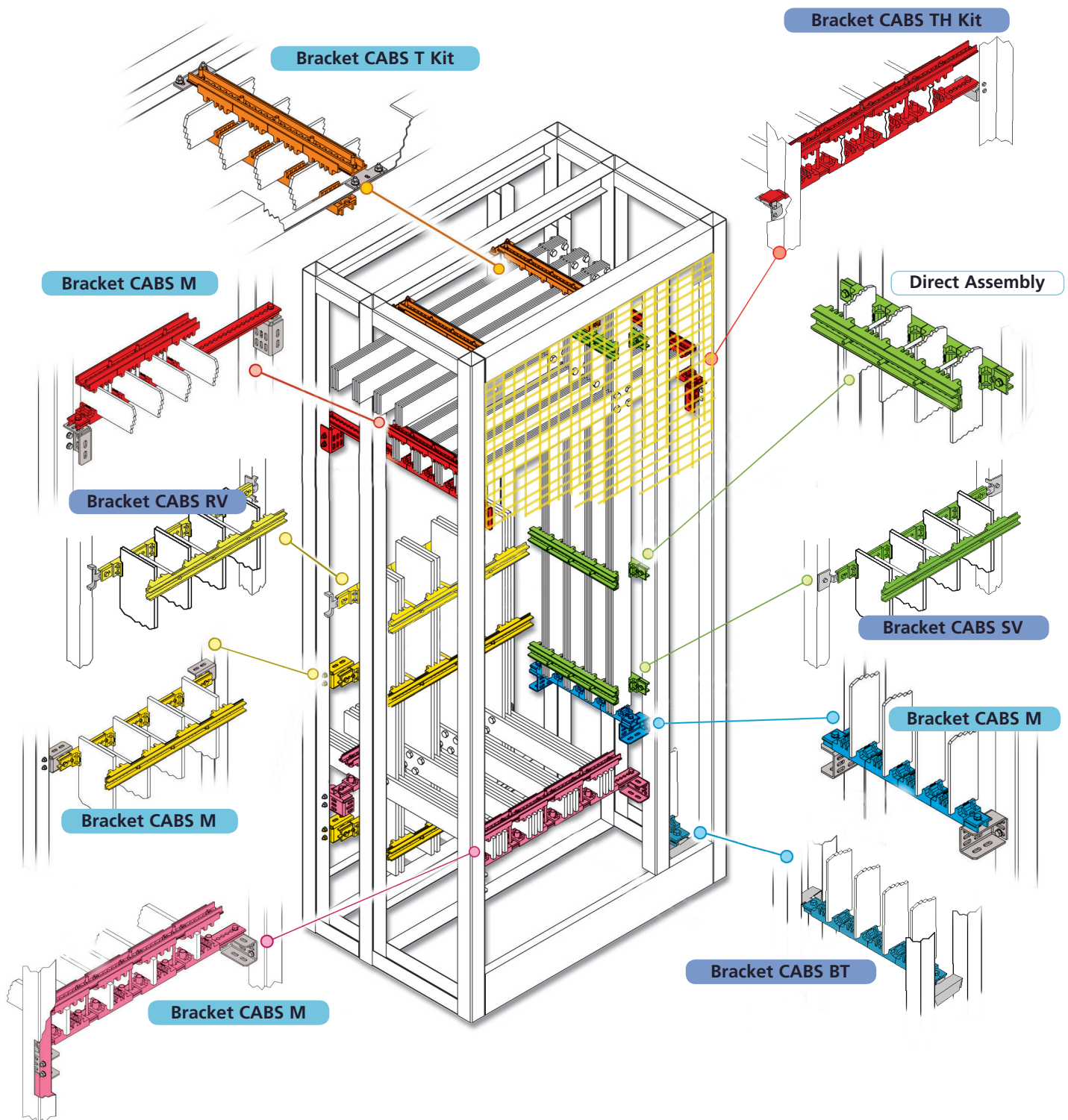
BRACKET CABS RV



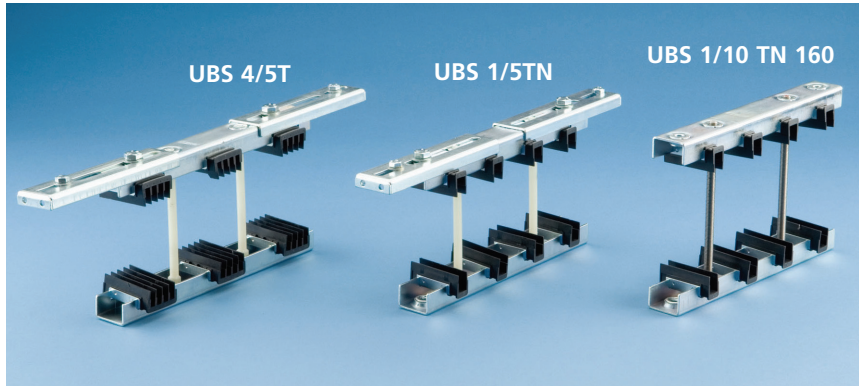
ADD. KIT CABS Fixing

Busbar Supports

Compact and Adjustable Busbar Supports (CABS)



Universal Busbar Supports

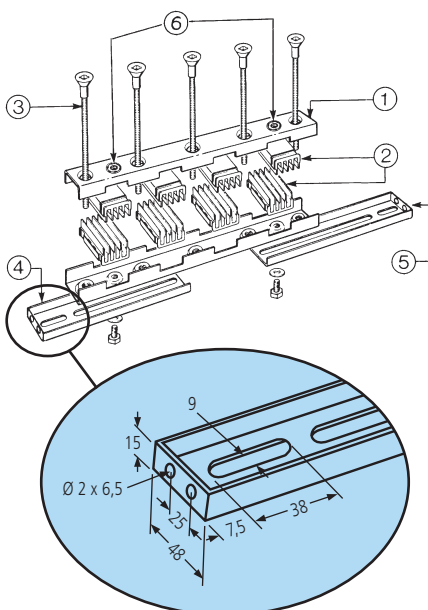


- Complete range of 15 supports
- Extremely robust construction
- Universal fixing system
- Time saving during mounting procedure
- Halogen free insulators
- Working temperature: -40°C up to 130°C
- Self extinguishing UL® 94 VO

Technical Characteristics

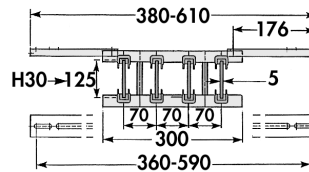
- 1) 2.5 mm reinforced and formed zinc plated steel sheet
- 2) Insulators in polyamide, glass fiber reinforced, halogen free
- 3) Busbars fixed and tightened using reinforced polyamide M10 screws (in stainless steel for bars 160 and 200 mm)
- 4) Adjustable distance between fixing centers
- 5) Distance between lateral fixing centers: 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

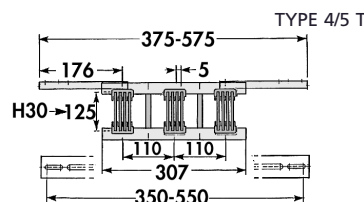
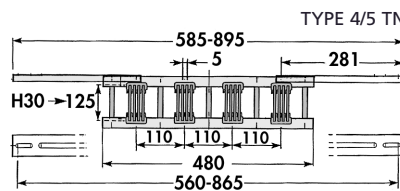
- 3 phase + neutral circuit
- Busbar thickness: 5 mm
- Busbar width: 30 to 125 mm



Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
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

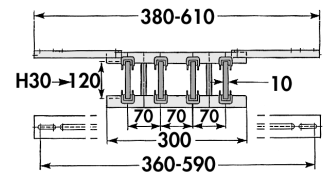


Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
551010	UBS 4/5 TN	1-4	1	2.88
551020	UBS 4/5 T	1-4	1	2.22

UBS 1/10TN 2250A

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

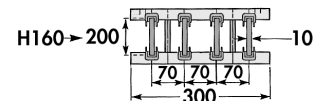
* ASTA Tested



Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
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	Box	kg
561500	UBS 1/10 TN 160	1	1	2.30
561510	UBS 1/10 TN 200	1	1	2.40

Busbar Supports

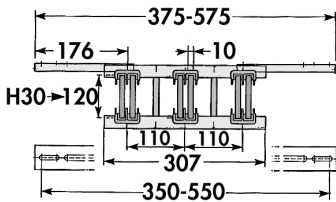
Universal Busbar Supports



UBS 2/10T

3600A

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

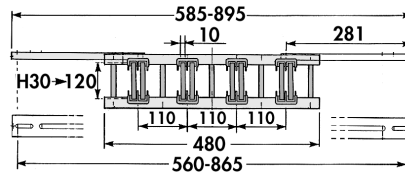


Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
551080	UBS 2/10 T	1-2	1	2.18

UBS 2/10TN

3600A

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

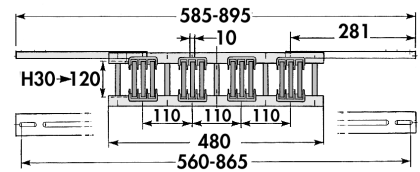


Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
551070	UBS 2/10 TN	1-2	1	2.86

UBS 3/10TN

4500A

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

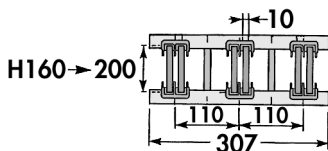


Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
551090	UBS 3/10 TN	1-3	1	2.90

UBS 2/10T 160 & 200

5700A

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

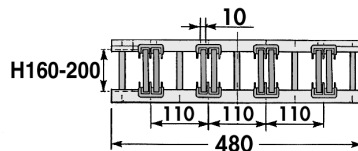


Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
561520	UBS 2/10 T 160	1-2	1	2.60
561530	UBS 2/10 T 200	1-2	1	2.70

UBS 2/10TN 160 & 200

5700A

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

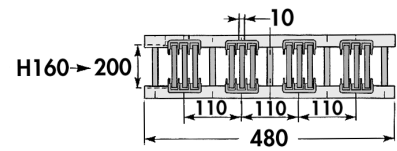


Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
561870	UBS 2/10 TN 160	1-2	1	3.40
561880	UBS 2/10 TN 200	1-2	1	3.50

UBS 3/10TN 160 & 200

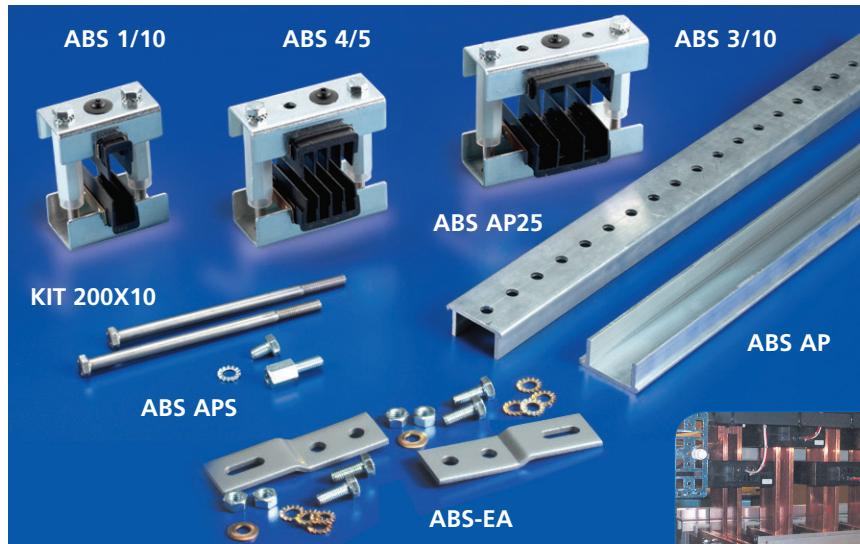
7400A

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

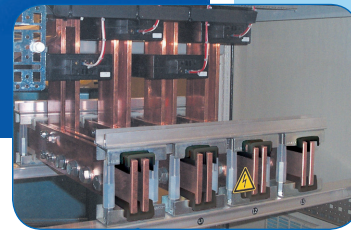


Part No.	DESCRIPTION	Number of busbars per phase	Box	kg
561540	UBS 3/10 TN 160	1-3	1	3.40
561550	UBS 3/10 TN 200	1-3	1	3.50

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

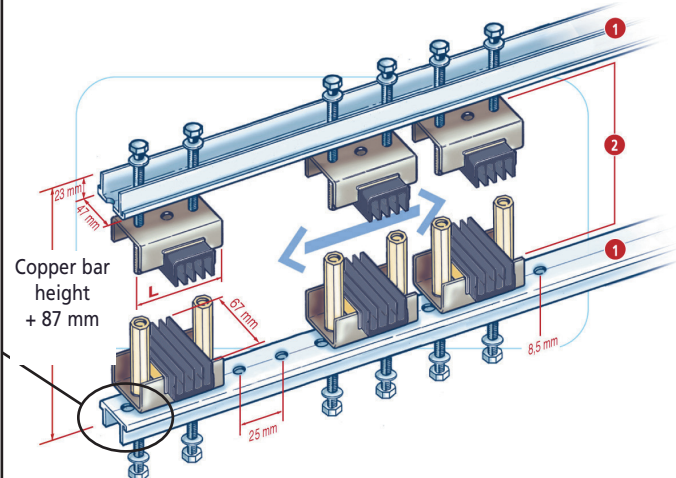


Double Version 1



Double Version 2

For calculation purpose:
see ERIFLEX® Software



Accessories

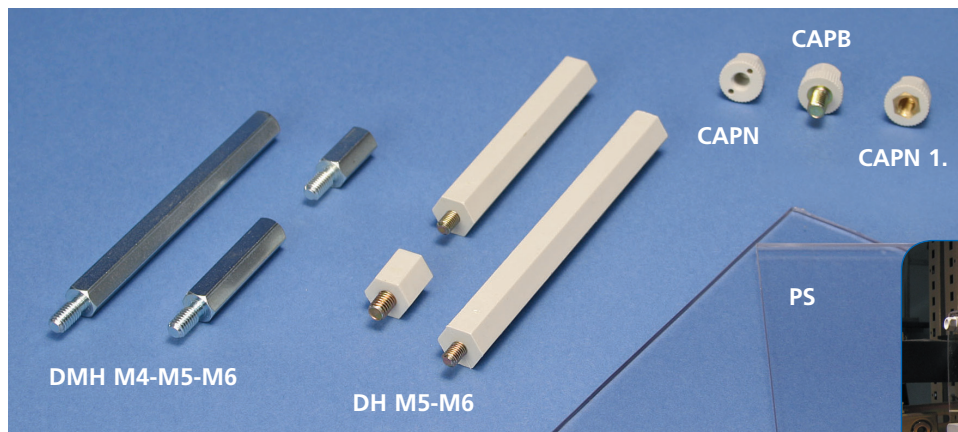
*In Addition To The Above Modules

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

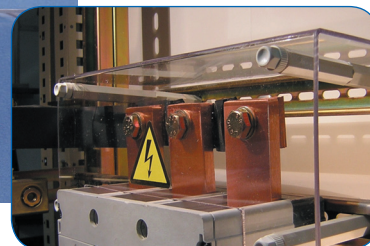
In Addition To The Above Aluminum Profiles:

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

Spacers and Accessories



- A complete range of accessories for easy distribution block assembly



DMH M4-M5-M6

Metallic spacers

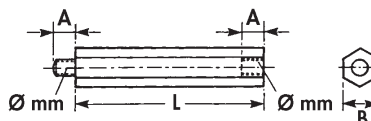
- Metallic hexagonal spacers
- Zinc plated steel
- To make higher plates, screens or profiles
- Male-female allowing stable mounting
- See drawing on DH

Part No.	DESCRIPTION	L mm	Ø mm	A mm	B mm			kg
561560	DMH 10M4	10	M4	8-10	7	100		0.003
561570	DMH 15M4	15	M4	8-10	7	100		0.005
561580	DMH 20M4	20	M4	8-10	7	100		0.007
561590	DMH 25M4	25	M4	8-10	7	50		0.008
561600	DMH 30M4	30	M4	8-10	7	50		0.010
561610	DMH 35M4	35	M4	8-10	7	50		0.012
561620	DMH 40M4	40	M4	8-10	7	50		0.0125
561630	DMH 50M4	50	M4	8-10	7	50		0.017
561640	DMH 60M4	60	M4	8-10	7	25		0.019
561660	DMH 15M5	15	M5	10	8	50		0.006
561670	DMH 20M5	20	M5	10	8	50		0.008
561680	DMH 25M5	25	M5	10	8	50		0.010
561690	DMH 30M5	30	M5	10	8	50		0.012
561700	DMH 35M5	35	M5	10	8	25		0.014
561710	DMH 40M5	40	M5	10	8	25		0.016
561720	DMH 50M5	50	M5	10	8	25		0.022
561730	DMH 60M5	60	M5	10	8	25		0.027
561740	DMH 70M5	70	M5	10	8	25		0.029
561750	DMH 80M5	80	M5	10	8	25		0.033
561760	DMH 15M6	15	M6	10	8	50		0.010
561770	DMH 20M6	20	M6	12	8	50		0.012
561780	DMH 30M6	30	M6	12	8	25		0.018
561790	DMH 40M6	40	M6	12	8	25		0.025
561800	DMH 50M6	50	M6	12	8	25		0.032
561810	DMH 60M6	60	M6	12	8	25		0.038
561820	DMH 70M6	70	M6	12	8	25		0.043
561830	DMH 80M6	80	M6	12	8	25		0.052
561840	DMH 90M6	90	M6	12	8	25		0.058
561850	DMH 100M6	100	M6	12	8	10		0.064

DH M5-M6

Spacers

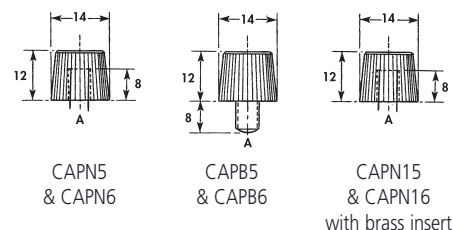
- Male-female
- Electrotechnical applications
- Insulating part made from polystyrol
- Threaded-end, made from zinc-plated steel
- Working temperature up to 80°C
- Insulation voltage 1000 V



Part No.	DESCRIPTION	L mm	Ø mm	A mm	B mm			kg
560660	DH 15M5	15	M5	7	13	100		0.004
560670	DH 20M5	20	M5	7	13	100		0.005
560680	DH 30M5	30	M5	7	13	100		0.006
560690	DH 45M5	45	M5	7	13	100		0.009
560620	DH 55M5	55	M5	7	13	100		0.011
560630	DH 70M5	70	M5	7	13	100		0.014
560640	DH 85M5	85	M5	7	13	100		0.017
560650	DH 120M5	120	M5	7	13	100		0.024
560740	DH 15M6	15	M6	7-8	13	100		0.004
560750	DH 20M6	20	M6	7-8	13	100		0.005
560700	DH 30M6	30	M6	7-8	13	100		0.009
560710	DH 45M6	45	M6	7-8	13	100		0.013
560720	DH 70M6	70	M6	7-8	13	100		0.020
560730	DH 120M6	120	M6	7-8	13	100		0.035

CAPN-CAPB

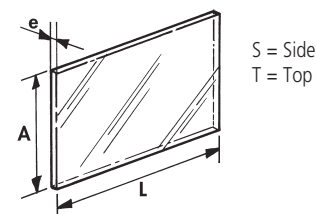
Cap nuts



Part No.	DESCRIPTION	A			kg
560800	CAPN5	M5	100		0.001
560810	CAPN6	M6	100		0.001
560820	CAPN15	M5	100		0.003
560830	CAPN16	M6	100		0.003
560840	CAPB5	M5	100		0.004
560850	CAPB6	M6	100		0.004

PS

Protection screen (made from PVC)



Part No.	DESCRIPTION	L mm	A mm	Ø mm	Mounts to			kg
563120	PS1000 x 60 x 3	1000	60	3	BSC 125A/S	10		0.302
563130	PS500 x 120 x 3	500	120	3	BSC 125A/T	10		0.213
551330	PS500 x 126 x 3	500	126	3	BS 125A/T	10		0.224
551340	PS1000 x 99 x 3	1000	99	3	BS 125A/S	10		0.498
551260	PS1000 x 250 x 3	1000	250	3	BS 400/T	1		1.030
551280	PS1000 x 2000 x 3	1000	2000	3	-	1		8.4

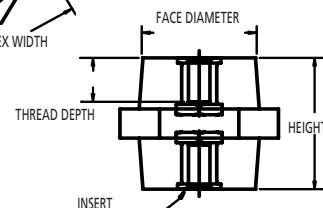
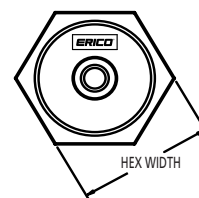
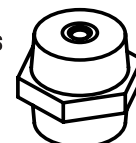


- Wide range of sizes from 1 inch to 3.5 inches
- Cost effective
- cULus recognized for strength and material
- Working range of -40°F to 266°F
- High resistance to leakage current

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.



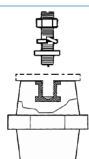
DESCRIPTION	Part No.	Part Height	Hex Width	Thread Dia	Thread Depth	Face Dia	Voltage AC	Max Working Load (lbs)*		Qty/box	Weight ea. (lbs)
								Tensile	Cantilever		
ISO 1", 1/4-20*	559600	1	1-1/8	1/4	5/16	0.82	600	1500	350	50	0.057
ISO 1", 5/16-18*	559610	1	1-1/8	5/16	5/16	0.82	600	1500	350	50	0.059
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

ISOBOLT

INSULATOR MOUNTING KITS

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



Part No.	DESCRIPTION	Thread	Length mm		
552200	ISOBOLT 25 M6	M6	25	20	0,008
552220	ISOBOLT 30 M8	M8	30	20	0,017

Insulators

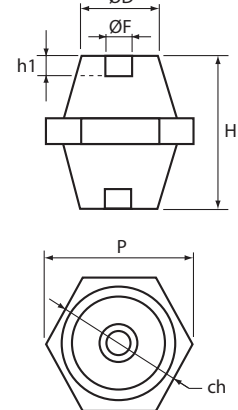
ISO-TP Low Voltage Metric Insulators



- 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			
		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

- CE Conformity
- RoHS 2002/95/EC Compliance
- IEC compliance
- UL Recognized in E125470 and evaluated for dielectric with-stand rating of 1500 Vac/Vdc
- GOST



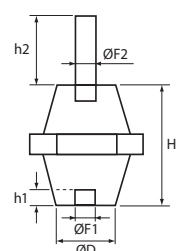
On Request:

- Other Dimensions
- Brass Inserts

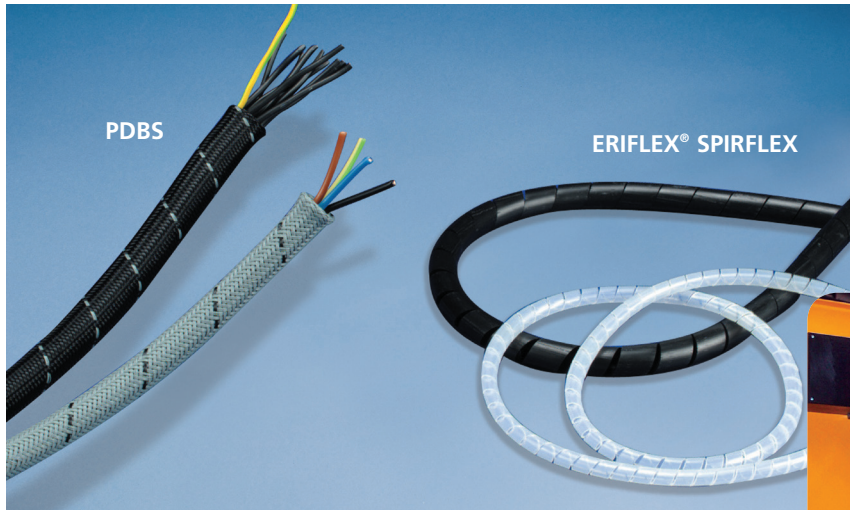


Low Voltage Metric Male / Female Insulators

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
542030	ISO TP 30 MM8X17/FM8X8	30	30	M 8 X 1,25	8	M 8 X 1,25	17	26	34	1000	1500	600	300	25	0.05
542050	ISO TP 40 MM8X17/FM8X8	40	46	M 8 X 1,25	8	M 8 X 1,25	17	40	53	1000	1500	1100	650	25	0.11
542070	ISO TP 50 MM8X17/FM8X15	50	50	M 8 X 1,25	15	M 8 X 1,25	17	41	57	1000	1500	2000	1000	25	0.15
542080	ISO TP 60 MM8X17/FM8X15	60	55	M 8 X 1,25	15	M 8 X 1,25	17	44	63	1000	1500	2200	1000	25	0.19
542110	ISO TP 80 MM8X17/FM8X15	80	65	M 8 X 1,25	15	M 8 X 1,25	17	52	75	1000	1500	2200	1000	10	0.35
542120	ISO TP 100 MM12X25/FM12X20	100	65	M12 X 1,75	20	M12 X 1,75	20	46	75	1000	1500	3000	1000	10	0.51



Cabling Sleeves



- 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
- Halogen free
- Compact range: 10 parts only
- 2 colors: grey or black

	Polyamide
Density (Kg/dm³)	1,14
Min. working T°	- 40°C
Max. working T°	+ 120°C
Max. T° 1s	240°C
Self-extinguishing	UL 94 V2



Part No.	DESCRIPTION GREY	Part No.	DESCRIPTION BLACK	Diameter (mm)						Box	kg
				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
 - White

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

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

Cabling Sleeves

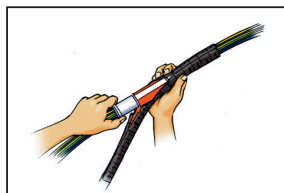
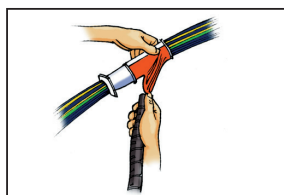
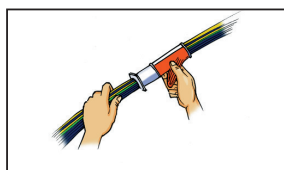


- **ERIFLEX® ZIPFLEX:**
Easy screening using ERIFLEX® specific tool
- Glass fiber & isolating silicone sleeves: resistant to high temperature



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

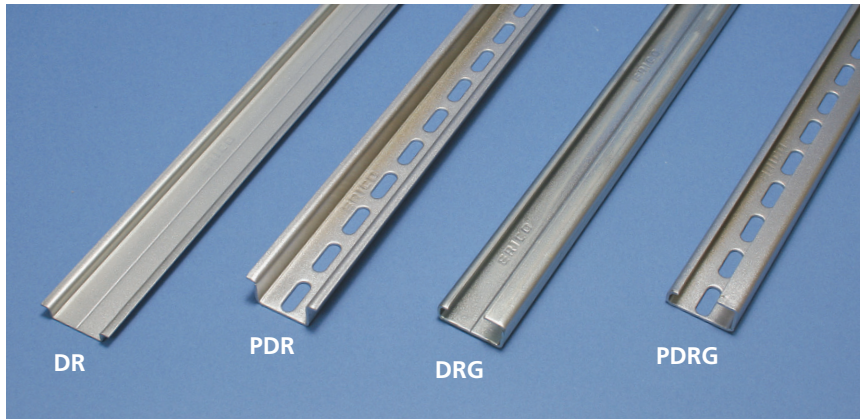
Part No.	DESCRIPTION	Nominal dia. mm	Max expanded dia. mm		
556200	FGBS 4	4	12	100 m	0.010
556210	FGBS 8	8	24	100 m	0.014
556220	FGBS 10	10	30	100 m	0.016
556230	FGBS 12	12	36	100 m	0.018
556240	FGBS 15	15	45	50 m	0.030
556250	FGBS 20	20	60	50 m	0.044

SBS Isolating Silicone Sleeves

- 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

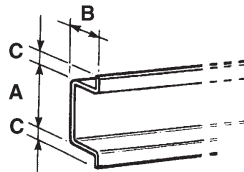
Part No.	DESCRIPTION	Internal dia. mm		
554000	SBS 4	4	100 m	0.020
554010	SBS 6	6	100 m	0.038
554020	SBS 8	8	100 m	0.050
554030	SBS 10	10	100 m	0.054
554040	SBS 12	12	100 m	0.070
554050	SBS 15	15	25 m	0.111
554060	SBS 20	20	25 m	0.148
554070	SBS 25	25	30 m	0.185
554080	SBS 30	30	30 m	0.222

Steel Profiles



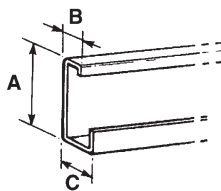
- Galvanized steel construction
- High mechanical resistance and high corrosion resistance
- Conforms to EN 50035 and 50022 and DIN 46277
- Available in symmetric, asymmetric profiles both perforated and solid

DR Symmetric Profiles



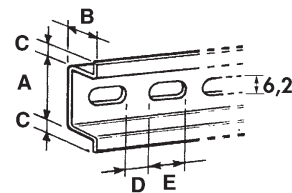
Part No.	DESCRIPTION	Thickness mm	A mm	B mm	C mm	Lg m		
557700	DR 5.5 2 m	10/10	10.5	5.5	2	2	15	0.73
557800	DR 7 2 m	10/10	27	7.5	4	2	15	1.45
557900	DR 15 2 m	15/10	27	15	4	2	15	2.87

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

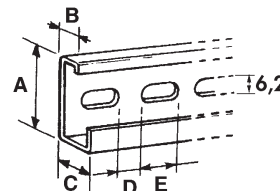
PDR Perforated Symmetric Profiles



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

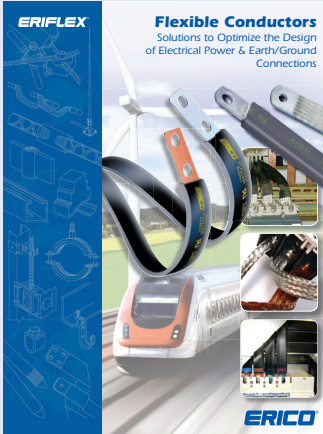
PDRG Perforated Asymmetric Profiles



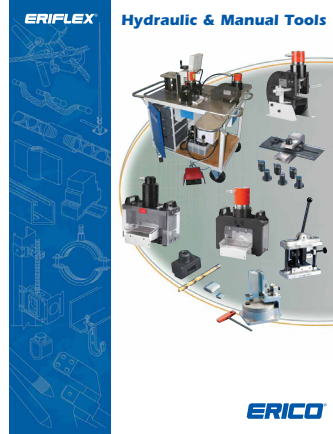
Part No.	Description	Thickness mm	A mm	B mm	C mm	D mm	E mm	Lg m		
558050	PDRG 2M	15/10	32	9	15	7	18	2	15	3.04

Cross Reference List

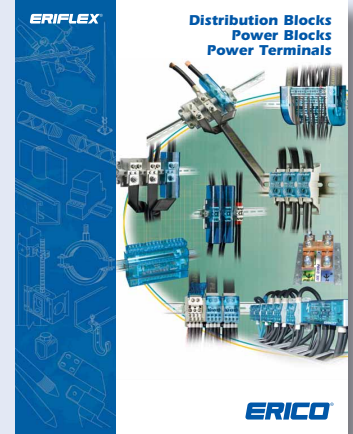
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504980	14	549350	17	550920	7	554010	26	559683	23	561530	20
504991	14	549360	17	550930	7	554020	26	559684	23	561540	20
541600	24	549370	17	550940	7	554030	26	559685	23	561550	20
541601	24	549380	17	550950	7	554040	26	559686	23	561560	22
542030	24	549390	17	550960	7	554050	26	559687	23	561570	22
542050	24	549400	17	550970	7	554060	26	559688	23	561580	22
542070	24	549410	17	550980	7	554070	26	559689	23	561590	22
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542110	24	549430	17	551010	19	554430	25	559691	23	561610	22
542120	24	549450	17	551020	19	554450	25	559692	23	561620	22
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548530	24	549740	7	552070	15	556010	25	560670	22	561770	22
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549200	6	550640	7	553460	12	559640	23	561400	9	568630	12
549210	6	550650	7	553470	12	559650	23	561401	9	568660	11
549220	6	550660	7	553480	12	559660	23	561402	9	568661	11
549230	6	550670	7	553490	12	559662	23	561403	9	568662	11
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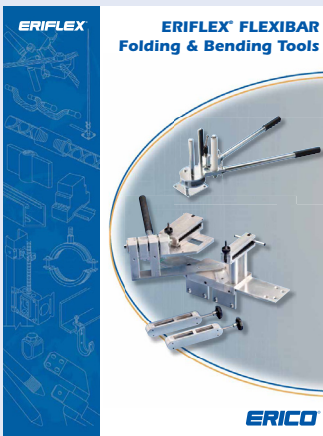
The Flexible Conductors catalog highlights a range of high-quality products to optimize the design of low-voltage power and ground connections for a variety of applications.



ERIFLEX® hydraulic and manual tools for ERIFLEX FLEXIBAR flexible busbar and copper busbar manipulation and transformation



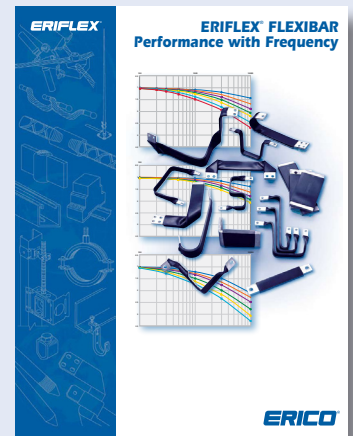
Full range of industrial connections and solutions with single and multiple pole distributions blocks, power terminals and power blocks



Fold and bend ERIFLEX® FLEXIBAR quickly without insulation damage, up to 10x120x1 / 12x100x1 with manual bending and folding tools.



Specific document for earthing and grounding solutions



Specific ERIFLEX FLEXIBAR technical data for high frequency applications



Foundation grounding and construction, power connections, surge protection and lightning protection products for the wind energy industry.



Grounding, lightning protection, electrical connection and cable management solutions for the solar power industry.



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