

NWC



February 2024

MV Product Portfolio | Joints



		Elaspeed	Ecospeed	Retractfit	Injectfit
Voltage Class		Up to 19/33 (36) kV Up to 35 kV (IEEE)	Up to 19/33 (36) kV	Up to 19/33 (36) kV Up to 35 kV (IEEE)	Up to 19/33 (36) kV
Cross sections		25-1200 mm ²	25-630 mm ²	25-1200 mm ²	25-1000 mm ²
Standard		HD629.1 S3 IEEE Std.404	HD629.1 S2 GB/T12076.4	HD629.1 S2	HD629.1 S2
Technology		<i>Coldshrink all-in-one</i> Top tier solution ensuring simple installation and preventing errors	<i>Coldshrink</i> Simplicity and proven technology	<i>Coldshrink</i> Hybrid design with coldshrink core	Taped Joint with Resin protection
Application	Straight	✓	✓	✓	✓
	Branch	✓		✓	
	Transition	✓		✓	✓
	Stop-End	✓			

MV Product Portfolio | Terminations



		Coldfit	Termfit	SFTO/SFTI	Elasticfit
Voltage Class		Up to 19/33 (36) kV Up to 35kV (IEEE)	Up to 19/33 (36) kV	Up to 19/33(36) kV	Up to 19/33(36) kV
Cross sections		25-630mm ²	35-630mm ²	25-630mm ²	25-1200mm ²
Standard		HD629.1 S2 (24kV) IEEE Std.48	IEC-60502-4 GB/T12076.4	HD629.1 S3 (36 kV)	HD629.1 S1
Technology		Coldshrink All-in-one design	Coldshrink	Modular Slip-On	Modular Slip-On Inverted position for both outdoor and indoor
Application	Outdoor shed design	✓	✓	✓	✓
	Indoor shed-less design	✓	✓	Indoor shed design	✓

MV Product Portfolio | Separable Connectors



	Elascon	Formfit Dead break	Formfit Load break	Ginex
Voltage Class	Up to 20.8/36 (42) kV	Up to 35kV (IEEE)	Up to 25kV (IEEE)	Up to 26/35 (40.5) kV
Cross sections	25-1200mm ²	Up to AWG– 1500kcm	Up to AWG– 250kcm	50-630mm ²
Standard	HD629.1 S2 / IEC-60502-4	IEEE Std.386	IEEE Std.386	GB/T12076.4 IEC-60502-4
Technology	Push-On Range-taking design	Push-on	Push-on	Push-on
Application	- InterfaceA 250A(Elbow/Straight) - InterfaceB 400A (Elbow/Straight) - InterfaceC 630A/1250A (Short T/ Coupling/Surge Arrester/T shape)	600A (T shape) 900A (T shape)	200 Amps (Elbow shape)	Interface number 3 1250 A

LV Product Portfolio | Resin



JEM Resin		PU Resin	
		2 parts	3 parts
Standard	EN50393 / IEC-60455 / HD631.1	EN50393 / IEC-60455 / HD631.1	
Material	JEM	Polyurethane	
Installation	Easy to mix in a clear pouch	Easy to mix in a twin pack pouch	
Main features	Isocyanate free	A twin pack pouch provides a totally enclosed mixing system .	A combination of twin pack pouch and supplementary sand filler

LV Product Portfolio | Joints



JBR

JST

MPJEM MPJEM-U

RPJ

Application

- Branch Jointing
- General Cu SWA armored & unarmored
- Allows jointing of variable materials and conductor sizes

- Straight Jointing
- General Cu SWA armored & unarmored
- Allows jointing of variable materials and conductor sizes

- Straight joint
- General Cu SWA armored & unarmored
- Same size jointing

- Straight Jointing
- Unarmored Railway signaling power cables

Standard

- BS EN 50393
- IEC 61238
- ENATS TS C81/3

- BS EN 50393
- IEC 61238
- ENATS TS C81/3

- BS EN 50393
- IEC 61238
- ENATS TS C81/3

- EN 50393
- IEC 61238
- NR/L2/SIGELP/27423

Contains

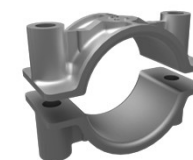
- JEM
- Mechanical Connectors

- JEM
- Mechanical Connectors

- JEM
- Cu Compression Connectors

- JEM
- Cu, Al and Bi-Metallic Compression Connectors

LV Product Portfolio | Cleats



Single Cable

Trefoil Cable

Quad Cable

Fire Resistant

Cable Diameter	10 – 159 mm	23 – 186 mm	20 – 70 mm	7.7– 89 mm
Standard	IEC 61914	IEC 61914	IEC 61914	IEC 61914 / EN50200
Material	Aluminum / Stainless Steel (316) / Plastic / LSOH	Aluminum / Stainless Steel / Plastic (Polyamide)	Stainless Steel / LSOH	Cast Iron / Stainless Steel
Main features	Protection against weather conditions, simple installation on one-piece single fixing	Single core cables laid in trefoil formation	Single core cables laid in quad formation	Withstands 2h excursion to 1000°C

LV Product Portfolio | Glands



Glands		
	Industrial	Hazardous
Cable diameter	3.5 – 99 mm	3.5 – 78 mm
Standard	IEC62444 / BS6121	UL 2225 / CSA C22.2 / IEC 60079
Material	Brass / Nickel plated brass / Aluminum / Plastic	Brass / Nickel plated brass / Aluminum / Plastic
Main Features	Glands for Unarmored / SWA / Braid cables. Range of products for indoor, outdoor and wet area applications	Glands for Unarmored / SWA / Braid & tape armored cables.

LV Product Portfolio | Other products



Connecta

Link Box

TECPLUG Connectors

Tapes

Cross sections (mm²)

1.5 – 2.5 mm² fly leads
4 – 35 mm² main harness

185 – 300 mm²

1.5 – 16 mm²

Standard

IEC60331 / IEC61034 / IEC60754 /
IEC60332 / EN50200

EN TS 09:23 (UK) /
EN 61238

IEC-62852 / TÜV
Number B 103722 0001

Main features

- Fire resistant materials similar to cable materials
- Lighting system harnesses to speeds up installation time
- Maintains the fire integrity of the cable
- Factory fitted and tested
- Tailored design to project dimensions

- Supplied as pre-tailed or untailed
- Available 2 way or 4 way
- Mobile disconnect

- Solar application
- Up to 1.5 kVDC

- 750V and 69 kV
- 90°C
- Flame Retardant
- UV Ray Resistance
- PVC and Rubber