

WMB

Cast-resin injection straight-through joints up to 36kV



- Safe and easy to install
 - Developed especially for cable joints
 - Unlimited life time
 - Type tested according to CENELEC HD 629.1



Systems For Professionals

CELLPACK
Electrical Products

Benefits begins by quality

Cable accessories are indispensable and determinant for the quality of an electrical distribution network. They must guarantee the same reliability as the cable itself. Due to the high costs incurred by the operation of medium voltage networks, failures must be avoided. Therefore it is of outmost importance to the electrical utilities to achieve an **easy, quick** and among all **safe** installation of cable accessories.

The WMB resin injection straight-through joints family is specially designed for a reliable connection of all screened medium voltage power cables up to 36kV. Since the main components of the joints are already integrated in to one pre-moulded unit the numbers of parts to be installed are drastically reduced. Thanks to the compact design and construction, installation, transport and storage costs are saved.



Advantages

- Easy and safe to install
- For press connectors
- Very flexible application
- Compact construction
- Immediate operation
- Type tested according to **CENELEC HD 629.1**

Benefits

- Granted quality
- Network reliability
- Reduction of installation, transport and storage costs

Joint Features

Resin Injection Straight-Through Joint -Type WMB are conceived for jointing all kind of single or three-core medium voltage screened power cables with plastic insulation (EPR, PVC, XLPE) with different outer semi-conductive layer (graphitized, peelable or fully-bonded) as well as screen construction (copper band or wires) for a system voltage up to 36kV and for main cross-sections from 35mm² to 630 mm².

- Halogen-free unfilled two-component polyurethane cast resin
- Developed especially for cable joints
- Excellent flow properties
- No risk of stress cracking
- Good adherence to all cable materials
- Soft-elastic character ensures equalization of mechanical stresses
- Fast hardening
- Packed in practical and **easy-to-use two chamber bags**.



RESIN INJECTION TECHNIQUE IS THE BEST MECHANICAL AND WATER PROTECTION FOR MV JOINTS



HV INSULATION TAPE- No. 62



SEMI-CONDUCTIVE TAPE- No. 61



COOPER BRAID TAPE No. 63



SEALING TAPE- No. 64



RESTRICTING TAPE- No.71



SPACER TAPE- No. 75



CAST RESIN – EG 445G



PRESSURE NOZZLE/ INJECTION VALVE



RESIN INJECTION GUN



ORDER INFORMATION

Resin Injection Straight-Through Joint

Type WMB

Standard packing unit with all equipment and material required for a joint assembly whether for three single core or one three core cable.

The outer protection is provided by:

- PVC Tapes = WMB
- Heat-shrink tube = WMB.../S
- Inject resin = WMB.../INJ
- Transition = Trans WMB.../INJ

SINGLE – CORE JOINT

WMB 12 kV

WMB 1.101	35mm ²	WMB 1.108	240mm ²
WMB 1.102	50mm ²	WMB 1.109	300mm ²
WMB 1.103	70mm ²	WMB 1.1010	400mm ²
WMB 1.104	95mm ²	WMB 1.1011	500mm ²
WMB 1.105	120mm ²	WMB 1.1012	630mm ²
WMB 1.106	150mm ²	WMB 1.1013	800mm ²
WMB 1.107	185mm ²		

WMB 24 kV

WMB 1.201	35mm ²	WMB 1.208	240mm ²
WMB 1.202	50mm ²	WMB 1.209	300mm ²
WMB 1.203	70mm ²	WMB 1.2010	400mm ²
WMB 1.204	95mm ²	WMB 1.2011	500mm ²
WMB 1.205	120mm ²	WMB 1.2012	630mm ²
WMB 1.206	150mm ²	WMB 1.2013	800mm ²
WMB 1.207	185mm ²		

WMB 36 kV

WMB 1.301	50mm ²	WMB 1.306	185mm ²
WMB 1.302	70mm ²	WMB 1.307	240mm ²
WMB 1.303	95mm ²	WMB 1.308	300mm ²
WMB 1.304	120mm ²	WMB 1.309	400mm ²
WMB 1.305	150mm ²	WMB 1.3010	500mm ²

THREE – CORE JOINT

WMB 12 kV

WMB 3.101	16mm ²	WMB 3.108	150mm ²
WMB 3.102	25mm ²	WMB 3.109	185mm ²
WMB 3.103	35mm ²	WMB 3.1010	240mm ²
WMB 3.104	50mm ²	WMB 3.1011	300mm ²
WMB 3.105	70mm ²	WMB 3.1012	400mm ²
WMB 3.106	95mm ²	WMB 3.1013	500mm ²
WMB 3.107	120mm ²		

WMB 24 kV

WMB 3.201	16mm ²	WMB 3.207	120mm ²
WMB 3.202	25mm ²	WMB 3.208	150mm ²
WMB 3.203	35mm ²	WMB 3.209	185mm ²
WMB 3.204	50mm ²	WMB 3.2010	240mm ²
WMB 3.205	70mm ²	WMB 3.2011	300mm ²
WMB 3.206	95mm ²	WMB 3.2012	400mm ²

WMB 36 kV

WMB 3.301	50mm ²	WMB 3.307	240mm ²
WMB 3.302	70mm ²	WMB 3.308	300mm ²
WMB 3.303	95mm ²	WMB 3.309	400mm ²

WEST

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