



DESCRIPTION

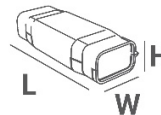
IP68 re-enterable non-toxic gel-insulated joint for straight connection of 0,6/1kV power cables with 5-pole screw terminal block included.

PRODUCT INFORMATION

Section	Low Voltage
Series	EVO <sup>®</sup>
Metel Code	EV103
Trade name	EVO 03
Kit content	Pre-filled gel device, screw terminal block, hex key, instructions

DIMENSIONS

Length (L)	mm	145
Width (W)	mm	56
Height (H)	mm	35



CONNECTION INFORMATION

Straight connection	Yes
Branch connection	No
Technology	Gel
Installation	Overhead, in conduct, underground, in cable duct, temporary and permanent submersion
Number of cores (max)	5
Cable section (min – max)	(Flexible) mm <sup>2</sup> 1,5 ... 6
Cable diameter (min – max)	mm 13 ... 17

CABLE INFORMATION

Insulation Degree	kV	0,6/1
Copper conductor	Yes	
Aluminum conductor	Yes	
Shield	Optional – available separately	
Armor	Optional – available separately	

CONNECTOR INFORMATION

Connector included	Yes	
Connector type	Screw terminal block	
Connector material	Tinned aluminum	
Pre-insulated connector	Yes	
Connector insulation material	Nylon PA6	
Rated voltage	kV	0,6/1
Rated current	A	-
Number of poles	5	
Clamping technology	Screw-type	
Copper conductor	Yes	
Aluminum conductor	Yes	
Copper/aluminum connection	Yes	

Special tools for clamping No

Screws maintenance Yes

**SHELL INFORMATION**

Material Polypropylene (PP)

Dielectric Strength kV/mm > 20

Colour Black

Operating temperature (min – max). °C - 20 ... + 90

Self-extinguishing UL94 V2

Halogen Free (F), (Cl), (Br), (I), (At) Yes

Lead Free Pb Yes

UV Resistant Yes

Innovative snap-closing system Yes

Core separator No

Strain Relief System (SRS) No

**INSULATION INFORMATION**

Material Silicone gel

Dielectric Strength kV/mm 27

Colour Transparent

Re-enterable Yes

Non-toxic Yes

Self-extinguishing UL94 HB

Halogen Free (F), (Cl), (Br), (I), (At) Yes

Lead Free Pb Yes

Shelf life Unlimited

**PRODUCT COMPLIANCE**

Certifications 200032822UDI-NSR R01 B24-22-BG-01E

Reference standards CEI EN 50393 CEI EN 60529 CEI EN 60695-2-11  
CEI 20-37/4 CEI 20-37/2-1

Conformity Low Voltage Directive 2014/35/UE (LVD)  
Directive 2011/65/EU (RoHS 2) and 2015/863/UE (RoHS 3)

Fire resistance Self-extinguishing | Low smoke and toxic gases emissions

CE mark Yes

Double insulation Yes

Protection degree IP 68

ETIM Classification Ver. 7.0 EC001169

**SAFETY INFORMATION**

Harmful product No

Dangerous product No

CLP Compliant (Regulation 1272/2008/CE) n.a.

**LOGISTIC INFORMATION**

Carton box	pc	1	Barcode	EAN 13	8053323905493
	pc	1	Dimensions (L x W x H)	m	0,190 x 0,065 x 0,045
	pc	1	Weight	kg	0,250
Box	pcs	80	Barcode	EAN 13	2000000082684
	pcs	80	Dimensions (L x W x H)	m	0,450 x 0,425 x 0,420
	pcs	80	Weight	kg	21,20

HS code 85369010

Origin Italia

**NOTE**

These information and our technical indications correspond to our knowledge and experience without however constituting our guarantee in relation to the final results or responsibilities deriving from any legal relationship. In fact, considering the multiplicity of materials, handling and storage conditions, as well as production and use conditions, all the information and indications above must be previously verified by the user according to his specific circumstances of use.