


DESCRIPTION

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

PRODUCT INFORMATION

Section	Low Voltage
Series	EVO [®]
Metel Code	EV104
Trade name	EVO 04
Kit content	Pre-filled gel device, spring-clamp terminal block, instructions

DIMENSIONS

Length (L)	mm	183	
Width (W)	mm	70	
Height (H)	mm	42	

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)	(Flessibile) mm ² 2,5 ... 6
Cable diameter (min – max)	mm 14 ... 22

CABLE INFORMATION

Insulation Degree	kV	0,6/1
Copper conductor	Yes	
Aluminum conductor	Yes	
Shield	n.a.	
Aarmor	Optional – available separately	

CONNECTOR INFORMATION

Connector included	Yes
Connector type	Spring-clamp terminal block
Connector material	Chromed steel
Pre-insulated connector	Yes
Connector insulation material	PA
Rated voltage	kV 0,6/1
Rated current	A -
Number of poles	5
Clamping technology	Spring-clamp
Copper conductor	Yes
Aluminum conductor	Yes
Copper/aluminum connection	Yes

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Special tools for clamping	No
Screws maintenance	No

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
Conformità CLP (Regolamento 1272/2008/CE)	n.a.

INFORMAZIONI LOGISTICHE

Carton box	pc	1	Barcode	EAN 13	8053323905509
	pc	1	Dimensions (L x W x H)	m	0,250 x 0,080 x 0,055
	pc	1	Weight	kg	0,440
Box	pcs	40	Barcode	EAN 13	2000000082691
	pcs	40	Dimensions (L x W x H)	m	0,520 x 0,340 x 0,290
	pcs	40	Weight	kg	17,60

HS code	85369010
Origin	Italy

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.