



IP68 re-enterable non-toxic gel-insulated connection device for straight connection of 300/500V power cables with 2-pole spring-clamp terminal block included.

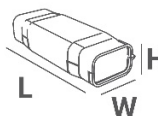
DESCRIPTION

PRODUCT INFORMATION

Section	Low Voltage
Series	EVO [®]
Metel Code	EV100
Trade name	EVO PX
Kit content	Pre-filled gel device, spring-clamp terminal block, instructions

DIMENSIONS

Length (L)	mm	68
Width (W)	mm	24
Height (H)	mm	22



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)	2
Cable section (min – max)	(Flexible) mm ² 0,5 ... 1,5
Cable diameter (min – max)	mm 4,5 ... 6,5

CABLE INFORMATION

Insulation Degree	V	300/500
Copper conductor	Yes	
Aluminum conductor	Yes	
Shield	n.a.	
Aarmor	n.a.	

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	V	450
Rated current	A	24
Number of poles	2	
Clamping technology	Spring-clamp	
Copper conductor	Yes	
Aluminum conductor	Yes	
Copper/aluminum connection	Yes	

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	200033806UDI-NSR		B24-22-BG-01E
Reference standards	CEI EN 60998	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

Blister	pc	1	Barcode	EAN 13	8053323904762
	pc	1	Dimensions (L x W x H)	m	0,200 x 0,080 x 0,030
	pc	1	Weight	kg	0,040
Box	pcs	12	Barcode	EAN 13	8053323906155
	pcs	12	Dimensions (L x W x H)	m	0,240 x 0,200 x 0,120
	pcs	12	Weight	kg	0,500
HS code	85363010				
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.