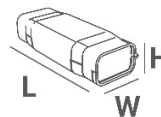




DESCRIPTION IP68 re-enterable non-toxic gel-insulated connection device for branch connection of 300/500V power cables with 3-pole screw terminal block included.

PRODUCT INFORMATION	
Section	Low Voltage
Series	EVO®
Metel Code	EV201D
Trade name	EVO 01D
Kit content	Pre-filled gel device, screw terminal block, instructions

DIMENSIONS		
Length (L)	mm	73
Width (W)	mm	73
Height (H)	mm	23



CONNECTION INFORMATION			
Straight connection		No	
Branch connection		Yes	
Technology		Gel	
Installation		Overhead, in conduct, underground, in cable duct, temporary and permanent submersion	
Number of cores (max)		3	
		Main cable	Branch cable
Cable section (min – max)	(Flexible) mm ²	1 ... 2,5	1 ... 2,5
Cable diameter (min – max)	mm	6 ... 8	6 ... 8

CABLE INFORMATION		
Insulation Degree	V	300/500
Copper conductor		Yes
Aluminum conductor		Yes
Shield		n.a.
Armor		n.a.

CONNECTOR INFORMATION		
Connector included		Yes
Connector type		Screw 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		3
Clamping technology		Screw-type
Copper conductor		Yes
Aluminum conductor		Yes

Copper/aluminum connection	Si
Special tools for clamping	No
Screws maintenance	Si

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	EC001170	

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	8053323905523
	pc	1	Dimensions (L x W x H)	m	0,100 x 0,080 x 0,035
	pc	1	Weight	kg	0,110
Box	pcs	6	Barcode	EAN 13	8053323905561
	pcs	6	Dimensions (L x W x H)	m	0,240 x 0,100 x 0,120
	pcs	6	Weight	kg	0,650

HS code	85363010
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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.