



DESCRIPTION

IP68 re-enterable non-toxic gel-insulated connection device for branch connection of 0,6/1 kV power cables with 3-pole screw terminal block included.

PRODUCT INFORMATION

Section	Low Voltage
Series	EVO <sup>®</sup>
Metel Code	EV202D
Trade name	EVO 02D
Kit content	Pre-filled gel device, screw terminal block, instructions

DIMENSIONS

Length (L)	mm	105
Width (W)	mm	90
Height (H)	mm	28

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		
Cable section (min – max)	(Flexible) mm <sup>2</sup>	Main cable	Branch cable
Cable diameter (min – max)	mm	1,5 ... 4	1 ... 2,5
		10 ... 13	6 ... 8

CABLE INFORMATION

Insulation Degree	kV	0,6/1
Copper conductor	Yes	
Aluminum conductor	Yes	

CONNECTOR INFORMATION

Connector included	Yes	
Connector type	Screw terminal block	
Connector material	Chromed steel	
Pre-insulated connector	Yes	
Connector insulation material	PA	
Rated voltage	kV	0,6/1
Number of poles	3	
Clamping technology	Screw type	
Copper conductor	Yes	
Aluminum conductor	Yes	
Copper/aluminum connection	Yes	
Special tools for clamping	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

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 100180v2		
Reference standards	CEI EN 60998 CEI 20-37/4	CEI EN 60529 CEI 20-37/2-1	CEI EN 60695-2-11
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 8053323905530
	pc	1	Dimensions (L x W x H)	m
	pc	1	Weight	kg
Box	pc	6	Barcode	EAN 13 8053323905578
	pc	6	Dimensions (L x W x H)	m 0,265 x 0,115 x 0,140
	pc	6	Weight	kg 1,20
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.