



Re-accessible and non-toxic pre-filled silicone gel insulation connection device for insulation and protection of power cable connections up to 450 V complete with WAGO® compact insulated lever connectors.

EXTENDED DESCRIPTION

PRODUCT RANGE

Section	SHELL BOX®
Series	FLAT Series
Size	One
Metel Code	MJBF113
Trade name	Shell Box 113 Flat
Kit Contents	Connection device, lever connector

DIMENSIONAL INFORMATION

Width (L)	Mm	31,4
Depth (P)	Mm	32
Height (H)	Mm	16

CONNECTION INFORMATION

Online Connection		Yes
Junction connection		Yes
Execution		Pre-filled gel
Total number of connections		3
Total number of potentials		1
Cable cross-section (min – max)	(Flexible) mm2	0,2 ... 4
Rated insulation voltage	V	450
Current rating	At	32

CONNECTOR INFORMATION

Connector type included		WAGO 221® lever connector
Connector Insulation		Yes
Material		Polycarbonate
Color		Transparent
Number of ways		3
Stripping length	Mm	11
Clamping type		Mechanical side levers
Copper conductor		Yes
Aluminum conductor		No
Copper/aluminum connection		Yes
Operating temperature (min – max).	°C	0 ... +85
Self-extinguishing	UL94	V2

SHELL INFORMATION

Material	Polypropylene (PP)	
Color	Grey	
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

INSULATION INFORMATION		
Material		Silicone gel
Color		Transparent
Reaccessibility		Yes
Non-toxic		Yes
Self-extinguishing	UL94	HB
Halogen Free	(F), (Cl), (Br), (I), (At)	Yes
Lead Free	Pb	Yes
Shelf life		No expiration date

PRODUCT AND SYSTEM CONFORMITY		
Reference standards		CEI EN 60529 EN 60695-2-11
Conformity		Low Voltage Directive 2014/35/EU (LVD) Directive 2011/65/EU (RoHS 2) and 2015/863/EU (RoHS 3)
Fire behavior		Self-extinguishing – Low emission of fumes and toxic gases
CE marking		Yes
Double Insulation Marking		Yes
Degree of protection	IP	X8
ETIM classification	Ver. 7.0	EC001170

SAFETY INFORMATION	
Toxic product	No
Dangerous product	No
CLP Compliance (Regulation 1272/2008/EC)	n.a.

LOGISTICAL INFORMATION				
Blister	Barcode	1 pc	EAN 13	8053323900597
	Dimensions (L x W x H)	1 pc	m	0.08 x 0.035 x 0.200
	Weight	1 pc	Kg	0,030
packaging	Barcode	12 pcs	EAN 13	8053323900580
	Dimensions (L x W x H)	12 pcs	m	0.23 x 0.205 x 0.095
	Weight	12 pcs	Kg	0,46
Customs code				85369010
Country of origin				Italy

NOTES

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