Technical-Data-Sheet

EASY-PROTECT

Gel box

with WAGO COMPACT Splicing Connectors

Gel filled housings for easy, fast and safe moisture protection of WAGO COMPACT Splicing Connectors



Product description

Article name	EASY-PROTECT-BULK 113
Material number	451511
Characteristics	Protects the splicing connector against moisture and water ingress according to IPX8
	VDE type-tested system according to EN 60998-2 for approval in conjunction with WAGO COMPACT conjunction with WAGO COMPACT Splicing Connectors 221
	Rigid, label-free and silicone-free gel
	UV-resistant housing, robust and re-accessible housing
	Quick, safe and easy assembly
	Ready-to-use
Applications	Indoor and Outdoor
	Can be used in the low-voltage range without an additional housin
	Can be used in the low-voltage range with additional housing (double insulation / observe protection class II)
Family notes	Not reusable
Copyright	WAGO is a registered trademark of WAGO Verwaltungsellschaft mbH

Technical data

Voltage levels	U0/U (Um) 0,6/1 (1,2) kV
Test standards	EN 60998-2
Length L	33.6 mm
Width B	32 mm
Heigth H	17.8 mm
Nominal cross section min	0.2 mm²
Nominal cross section max	4 mm²
IP protection class	IPX8
IP protection class (associated standard)	IEC 60529
Housing colour	black
Housing material	Polypropylene
Gel Material	Polyurethan
Voltage range	450 V
Voltage range (associated standard)	IEC 60998-2
Flammability class housing (associated standard)	UL 94
Rated surge voltage	4 kV
Rated surge voltage (associated standard)	IEC 60998-2
Rated current	32 A
Rated current WAGO Klemme 221	41 A
Rated current (associated standard)	IEC 60998-2
Ambient temperature (operation)	85 °C
Ambient temperature (operation) (associated standard)	IEC 60998-2
Operating temperature range max	105 °C
Operating temperature range (associated standard)	IEC 60998-2
Dielectric strength	≥ 15 kV/mm
Dielectric strength (associated standard)	IEC 60243-1
Housing type	1
Number of housing	12 Pieces
Connector type	221-413
Number of connector	12 Pieces

Logistics data

Delivery scope	Pre-filled gel box
	WAGO COMPACT Splicing Connector type 221
	EASY-PROTECT 113: 12x221-413
Shelf life description	Unlimited shelf life
Storage temperatur max	40 °C
Storage temperatur min	0 °C
Country of origin	Italy
Customs tariff number	85369010

EAN-UPC	4010311199207			
Base quantity	1	1	1	200
Base unit of measure	Piece	Piece	Piece	Piece
Alternate quantity	1	1	1	1
Alternative unit of measure	Piece	Carton	Pack	Pal. OW
Lenght	207	207	207	1200
Width	157	157	157	800
Height	48	48	48	550
Dimension unit	Millimetres	Millimetres	Millimetres	Millimetres
Volume	1.56	1.56	1.56	0.528
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	Cubic metres
Gross weight	0.215	0.215	0.215	61.2
Net weight	0.215	0.215	0.215	43
Weight unit	Kilogram	Kilogram	Kilogram	Kilogram