

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 522
Article number	410358
Notes	Not reusable
Copyright	WAGO is a registered trademark of WAGO Verwaltungsgesellschaft mbH

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

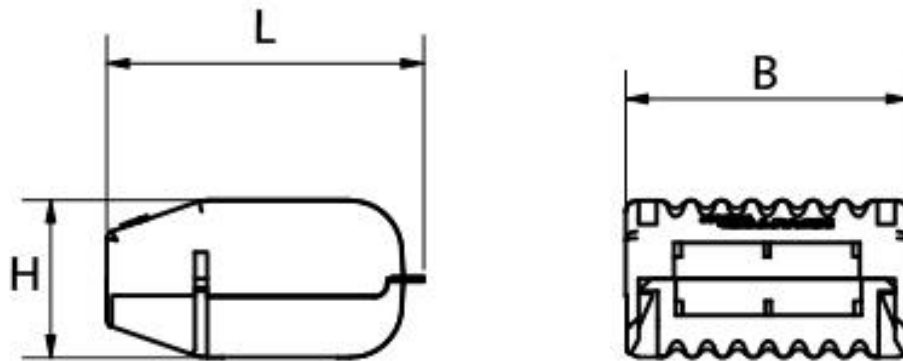
Applications

Indoor and Outdoor

Can be used in the low-voltage range without an additional housing

Can be used in the low-voltage range with additional housing (double insulation / observe protection class II)

Technical data



Article name	EASY-PROTECT 522
Article number	410358
Voltage levels	U0/U (Um) 0,6/1 (1,2) kV
Test standards	EN 60998-2
Housing type	5
Number of housing	1 Pieces
Connector type	221-612
Number of connector	2 Pieces
Length L	40.1 mm
Width B	49.4 mm
Height H	21.3 mm
Nominal cross section min	0.5 mm ²
Nominal cross section max	6 mm ²
IP protection class	IPX8
IP protection class (associated standard)	IEC 60529
Housing colour	black
Housing material	Polypropylene
Closure type	Latching
Wiring direction	One-sided
Gel colour	Translucent amber
Gel Material	Polyurethan
Voltage range	450 V
Voltage range (associated standard)	IEC 60998-2
Flammability class housing	V2
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 COMPACT splicing connector type 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
Mounting temperature min	0 °C
Mounting temperature max	40 °C
Dielectric strength	≥ 15 kV/mm
Dielectric strength (associated standard)	IEC 60243-1

Logistics data

Article name	EASY-PROTECT 522
Article number	410358
Delivery scope	Pre-filled gel box
	WAGO COMPACT Splicing Connector type 221
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/GTIN	4010311189840

Packaging data

Packaging type	Case	Carton	Pal. OW
Content quantity	1	50	2500
Unit of measure	Piece	Piece	Piece
Lenght (mm)	200	340	1200
Width (mm)	80	260	800
Height (mm)	30	200	1150
Net weight (kg)	0.047	2.35	117.5
Gross weight (kg)	0.047	2.6	140