

## 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 332
Article number	451512
Notes	Not reusable
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#### 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-BULK 332
Article number	451512
Voltage levels	U0/U (Um) 0,6/1 (1,2) kV
Test standards	EN 60998-2
Housing type	3
Number of housing	16 Pieces
Connector type	221-412
Number of connector	48 Pieces
Length L	33.6 mm
Width B	52.7 mm
Height H	17.8 mm
Nominal cross section min	0.2 mm <sup>2</sup>
Nominal cross section max	4 mm <sup>2</sup>
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 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

## Logistics data

Article name	EASY-PROTECT-BULK 332
Article number	451512
Delivery scope	Pre-filled gel box
	WAGO COMPACT Splicing Connector type 221
	EASY-PROTECT 332: 48x221-412
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	4010311199214

## Packaging data

Alternative unit of measure	Carton	Pal. OW
Base quantity	1	200
Base unit of measure	Piece	Piece
Lenght (mm)	278	1200
Width (mm)	190	800
Height (mm)	61	550
Net weight (kg)	0.429	85.8
Gross weight (kg)	0.429	104