

**EASY-PROTECT****Gel box**

with WAGO COMPACT Splicing Connectors

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

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 Splicing Connectors 221
- Rigid, label-free and silicone-free gel
- UV-resistant housing, robust and re-accessible housing
- Fast application, easy mounting and direct commissioning
- Ready to use and immediately operational

Application/Suitability

- 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)

Note

- Not reusable

Voltage level

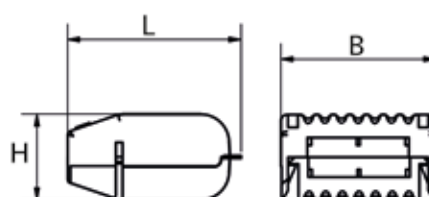
- $U_0/U (U_m)$ 0,6/1 (1,2) kV

Test standards

- VDE type-tested system according to EN 60998-2

Storage conditions/Shelf life

- Unlimited shelf life at ambient temperature between 0 °C und 40 °C

**Dimensions****Scope of delivery**

pre-filled gel box, WAGO COMPACT Splicing Connector type 221

Assignment with WAGO COMPACT Splicing Connectors, type 221

Designation	L mm	B mm	H mm	221-412	221-413	221-415	221-612	221-613	221-615
Size 1	33,6	32,0	17,8	1	1	-	-	-	-
Size 2	33,6	45,9	17,8	2	-	1	-	-	-
Size 3	33,6	52,7	17,8	3	2	-	-	-	-
Size 4	40,1	38,0	21,3	-	-	-	1	1	-
Size 5	40,1	49,4	21,3	-	-	-	2	-	1
Size 6	40,1	66,4	21,3	-	-	-	3	2	-

Typ	Housing size	Type WAGO COMPACT Splicing Connector	Nominal cross section mm ²	Number of Gel boxes	Art.-No.
EASY-PROTECT	112	1 x 412	0,14 f / 0,2 - 4 mm ²	1	407858
	113	1 x 413		1	407859
	222	2 x 412		1	407860
	215	1 x 415		1	407861
	332	3 x 412		1	407862
	323	2 x 413		1	407863
	412	1 x 612	0,5 - 6 mm ²	1	410356
	413	1 x 613		1	410357
	522	2 x 612		1	410358
	515	1 x 615		1	410359
	632	3 x 612		1	410360
	623	2 x 613		1	410361

NEW* Available in
September 2020*

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→ Continuation

Technical data	Value	Test standard
Physical properties		
IP protection class	IPX8	EN 60529
Storage period	Indefinite storage capacity	-
Housing colour	Black	-
Housing material	Polypropylene	-
Closure type	Latching	-
Wiring direction	One-sided	-
Gel colour	Translucent amber	-
Gel material	Polyurethan	-
Thermodynamic properties		
Continuous service temperature	105 °C	EN 60998-2
Ambient temperature (operation)	85°C according to T85 marking	EN 60998-2
Working temperature / Storage temperature	0 - 40 °C	
Flammability class housing	V2*	UL 94
Electrical properties**		
Voltage range	450 V	EN 60998-2
Rated surge voltage	4 kV	EN 60998-2
Rated current	32 A respectively 41 A (WAGO COMPACT Splicing Connectors)	EN 60998-2
Resistance to electrical breakdown gel	≥ 15 kV / mm	EN 60243-1

* Approximately comparable to the glow wire test according to EN 60695

** Double insulation / observe protection class II for low voltage