3213357

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COMBI coupling, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm^2 , cross section: 0.14 mm^2 - 1.5 mm^2 , color: gray

Your advantages

- · The Push-in technology COMBI couplings for self-assembly provide solutions that users can implement themselves
- · For secure and space-saving accommodation of plug-in contacts in cable ducts and distributor shafts
- · Tested for railway applications

Commercial data

Item number	3213357
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2245
Catalog page	Page 282 (C-1-2019)
GTIN	4046356566087
Weight per piece (including packing)	1.69 g
Weight per piece (excluding packing)	1.59 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties Product type Terminal coupling Number of positions 1 Pitch 3.5 mm Area of application Railway industry Machine building Plant engineering Number of connections 1 Number of rows 1 Туре other 1 Potentials Insulation characteristics Overvoltage category Ш Degree of pollution 3 **Electrical properties** 6 kV Rated surge voltage 0.56 W Maximum power dissipation for nominal condition Connection data Nominal cross section 1.5 mm² 1 level 8 mm ... 10 mm Stripping length Internal cylindrical gage A1 / B1 Connection in acc. with standard IEC 61984 Conductor cross section rigid 0.14 mm² ... 1.5 mm² Cross section AWG 26 ... 16 (converted acc. to IEC) Conductor cross section flexible 0.14 mm² ... 1.5 mm² Conductor cross section, flexible [AWG] 26 ... 16 (converted acc. to IEC) 0.14 mm² ... 1.5 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² ... 1 mm² Flexible conductor cross section (ferrule with plastic sleeve) Nominal current 17.5 A Maximum load current 17.5 A (with 1.5 mm² conductor cross section) Nominal voltage 500 V Nominal cross section 1.5 mm² 1 level Connection cross sections directly pluggable Conductor cross section rigid 0.25 mm² ... 1.5 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 0.34 mm² ... 1.5 mm²

Flexible conductor cross section (ferrule with plastic sleeve) 0.34 mm² ... 1 mm²

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Dimensions

Width	3.5 mm
End cover width	2.2 mm
Height	27 mm
Depth	17.8 mm
Pitch	3.5 mm

Material specifications

Color	gray
Flammability rating according to UL 94	VO
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

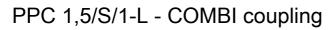
Open side panel Yes

Environmental and real-life conditions

Ambient temperature (operation)	-60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, no longer than 24 h, -60°C to +70°C)
Ambient temperature (assembly)	-5 °C 70 °C
Ambient temperature (actuation)	-5 °C 70 °C
Permissible humidity (operation)	20 % 90 %
Permissible humidity (storage/transport)	30 % 70 %

Connection in acc. with standard	IEC 61984
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Mounting



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Assembly instructions

Use of a parallel pressing tool is recommended for easy latching of the COMBI connector and coupling elements for self-assembly

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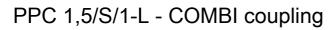
Classifications

ECLASS

ECLASS-12.0 27141151 ECLASS-13.0 27250306	ECLASS-11.0	27141151
ECLASS-13.0 27250306	ECLASS-12.0	27141151
	ECLASS-13.0	27250306

ETIM

	ETIM 9.0	EC002021
UNSPSC		
	UNSPSC 21.0	39121400



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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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