

PPC 4/8 - COMBI coupling



3044408

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COMBI coupling, nom. voltage: 800 V, nominal current: 32 A, number of connections: 1, number of positions: 8, connection method: Push-in connection, 1 level, Rated cross section: 4 mm², cross section: 0.2 mm² - 6 mm², color: gray

Commercial data

Item number	3044408
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	*****
Product key	BE2245
GTIN	4046356746113
Weight per piece (including packing)	99.99 g
Weight per piece (excluding packing)	99.99 g

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Technical data

Product properties

Product type	Terminal coupling
Number of positions	8
Pitch	6.2 mm
Number of connections	1
Number of rows	1
Type	other
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
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Connection data

Nominal cross section	4 mm ²
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1 level

Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)	0.5 mm ² ... 1 mm ²
Nominal current	32 A
Maximum load current	32 A
Nominal voltage	800 V
Nominal cross section	4 mm ²

1 level Connection cross sections directly pluggable

Conductor cross section rigid	0.5 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 4 mm ²

Dimensions

Width	49.6 mm
Pitch	6.2 mm

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Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	Yes
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 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 %

Standards and regulations

Connection in acc. with standard	IEC 61984
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Drawings

Circuit diagram



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Classifications

ECLASS

ECLASS-11.0	27141106
ECLASS-12.0	27141106
ECLASS-13.0	27141106

ETIM

ETIM 8.0	EC001284
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UNSPSC

UNSPSC 21.0	39121409
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Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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