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COMBI receptacle - PPC 6/9 - 3000701

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The figure shows a similar product

COMBI receptacle, Connection method: Push-in / plug connection, Number of positions: 9, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 73.8 mm, Height: 24.7 mm, Color: gray

Why buy this product

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

Key Commercial Data

Packing unit	25 STK
GTIN	4 046356 752022

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	6 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Maximum load current	41 A (with 6 mm² conductor cross section)
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Maximum load current	41 A (with 6 mm² conductor cross section)
Nominal current I_N	41 A

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Technical data

General

Nominal voltage U_N	1000 V
Open side panel	Yes
Number of positions	9

Dimensions

Width	73.8 mm
End cover width	2.2 mm
Length	47 mm
Height	24.7 mm

Connection data

Connection method	Push-in / plug connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	6 mm²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
Stripping length	12 mm
Internal cylindrical gage	A5

Standards and Regulations

Connection in acc. with standard	IEC 61984
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701

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Classifications

eCl@ss

eCl@ss 6.0	27141151
eCl@ss 7.0	27141151
eCl@ss 8.0	27141151

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC002021
ETIM 5.0	EC002021

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / EAC / VDE report with production monitoring / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
mm²/AWG/kcmil	20-8	20-8
Nominal current IN	40 A	40 A
Nominal voltage UN	600 V	600 V

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Approvals

cUL Recognized

	B	C
mm²/AWG/kcmil	20-8	20-8
Nominal current IN	40 A	40 A
Nominal voltage UN	600 V	600 V

CSA

	B	C
mm²/AWG/kcmil	20-8	20-8
Nominal current IN	36 A	36 A
Nominal voltage UN	600 V	600 V

EAC

VDE report with production monitoring

Nominal voltage UN	1000 V

IECEE CB Scheme

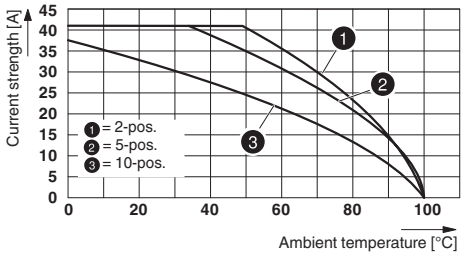
Nominal voltage UN	1000 V

cULus Recognized

Drawings

Circuit diagram

Diagram



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Product	Code	Reference	Product link
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