COMBI receptacle - PPC 6/2 - 3000693

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The figure shows a similar product

COMBI receptacle, Connection method: Push-in / plug connection, Number of connections: 2, Number of positions: 2, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 16.4 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

RoHS

Key Commercial Data

Packing unit	25 STK
Minimum order quantity	25 STK
GTIN	4 046356 751841
GTIN	4046356751841
Weight per Piece (excluding packing)	17.270 g
Custom tariff number	85366990
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

General

Number of positions	2
Number of levels	1
Number of connections	2
Potentials	2
Nominal cross section	6 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0

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Technical data

General

Area of application	Railway industry
	Machine building
	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
Maximum power dissipation for nominal condition	1.31 W
Maximum load current	41 A (with 6 mm² conductor cross section)
Nominal current I_N	41 A (observe derating)
Nominal voltage U_N	1000 V
Open side panel	Yes
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
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

Dimensions

Width	16.4 mm
End cover width	2.2 mm
Length	47 mm
Height	24.7 mm
Pitch	8.2 mm

Connection data

Connection method	Push-in / plug connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.5 mm²

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Technical data

Connection data

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

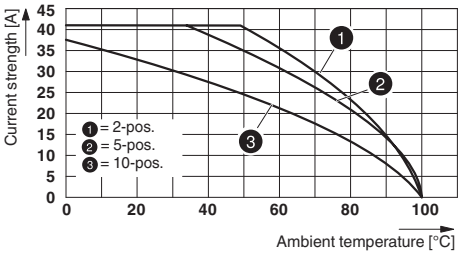
Environmental Product Compliance

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

Drawings

Circuit diagram

Diagram



Approvals

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Approvals

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UL Recognized / cUL Recognized / CSA / EAC / VDE report with production monitoring / IECEE CB Scheme / BV / LR / DNV GL / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

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

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

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

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631

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

EAC		7500651.22.01.00246

VDE report with production monitoring		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40043445

Nominal voltage UN	1000 V

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-56601/B1

Nominal voltage UN	1000 V

BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	45602/A0

LR	Lloyd's Register	http://www.lr.org/en	16/20057

DNV GL	http://exchange.dnv.com/tari/	TAE000015D

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm