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Especialistas en Automatización

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## COMBI receptacle - PPC 1,5/S-NS/1-L - 3213700

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COMBI receptacle, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, Width: 3.5 mm, Height: 27.1 mm, Color: gray, Mounting type: NS 35/15, NS 35/7,5

The figure shows a similar product

### 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	50 STK
GTIN	 4 046356 566124

### Technical data

#### General

Number of levels	1
Number of connections	1
Nominal cross section	1.5 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Maximum load current	13.5 A (with 1.5 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-60 °C ... 100 °C
Connection in acc. with standard	IEC 61984
Maximum load current	17.5 A (with 1.5 mm <sup>2</sup> conductor cross section)

# COMBI receptacle - PPC 1,5/S-NS/1-L - 3213700

## Technical data

### General

Nominal current $I_N$	17.5 A
Nominal voltage $U_N$	500 V
Open side panel	Yes
Number of positions	1
Insertion/withdrawal cycles mechanical	100
Result of surge voltage test	Test passed
Surge voltage test setpoint	7.3 kV
Result of tight fit on support	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Short circuit stability result	Test passed
Conductor cross section short circuit testing	1.5 mm <sup>2</sup>
Short-time current	0.18 kA
Result of thermal test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Oscillation, broadband noise test result	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	1.857 (m/s <sup>2</sup> ) <sup>2</sup> /Hz
Acceleration	0.8g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

### Dimensions

Width	3.5 mm
End cover width	2.2 mm
Length	43 mm
Height	27.1 mm
Height NS 35/7,5	28.3 mm

## COMBI receptacle - PPC 1,5/S-NS/1-L - 3213700

### Technical data

#### Dimensions

Height NS 35/15	35.8 mm
Height NS 15	28.3 mm
Height	20.80 mm

#### Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1

#### Standards and Regulations

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

### Classifications

#### eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134
eCl@ss 8.0	27141151

#### ETIM

ETIM 4.0	EC002498
ETIM 5.0	EC002021

# COMBI receptacle - PPC 1,5/S-NS/1-L - 3213700

## Classifications

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121409
UNSPSC 13.2	39121410

## Approvals

### Approvals


#### Approvals


CSA / UL Recognized / cUL Recognized / GL / LR / EAC / BV / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

CSA 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	26-14	26-14	26-14
Nominal current IN	15 A	15 A	5 A
Nominal voltage UN	300 V	300 V	600 V

UL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	26-14	26-14	26-14
Nominal current IN	15 A	15 A	5 A
Nominal voltage UN	300 V	300 V	600 V

# COMBI receptacle - PPC 1,5/S-NS/1-L - 3213700

## Approvals

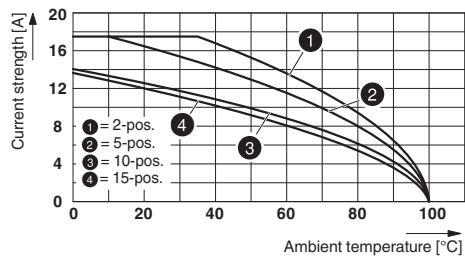
cUL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	26-14	26-14	26-14
Nominal current I <sub>N</sub>	15 A	15 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V
GL			
LR			
EAC			
BV			
cULus Recognized			

## Drawings

Circuit diagram



Diagram





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