

COMBI receptacle - SC 4-RZ/ 6 - 3042667

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COMBI receptacle, nom. voltage: 800 V, nominal current: 32 A, connection method: Spring-cage connection, number of connections: 2, number of positions: 6, cross section: 0.08 mm² - 6 mm², AWG: 28 - 10, width: 37.2 mm, height: 31 mm, color: gray, mounting type: on mounting plate

Your advantages

- COMBI coupling for direct mounting



Key Commercial Data

Packing unit	25 pc
GTIN	 4 046356 012805
GTIN	4046356012805

Technical data

General

Number of positions	6
Number of levels	1
Number of connections	2
Nominal cross section	4 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	32 A (with 6 mm ² 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	1.02 W
Maximum load current	32 A (with 6 mm ² conductor cross section)
Nominal current I _N	32 A

COMBI receptacle - SC 4-RZ/ 6 - 3042667

Technical data

General

Nominal voltage U_N	800 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))	130 °C
Static insulating material application in cold	-60 °C
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
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	37.2 mm
End cover width	3.2 mm
Length	48.6 mm
Height	31 mm
Hole diameter	3.5 mm
Drill hole spacing	6.2 mm
Plate thickness	0.8 mm ... 1.5 mm
Pitch	6.2 mm

Connection data

Connection method	Spring-cage connection
Stripping length	8 mm ... 10 mm
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	28
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²

COMBI receptacle - SC 4-RZ/ 6 - 3042667

Technical data

Connection data

Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	1 mm ²
Internal cylindrical gage	A4

Standards and Regulations

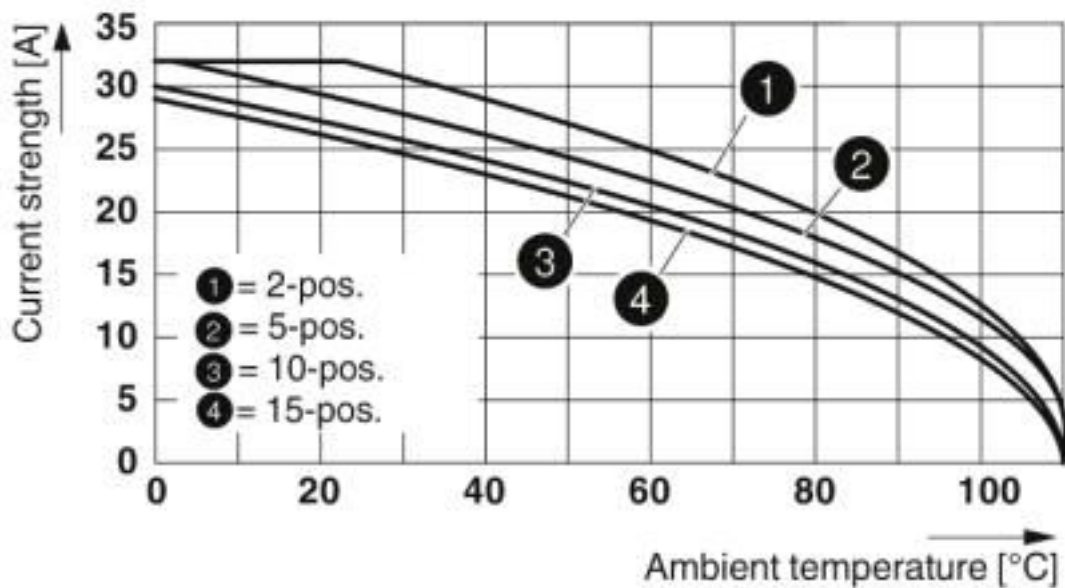
Connection in acc. with standard	CUL
	IEC 61984
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Diagram



COMBI receptacle - SC 4-RZ/ 6 - 3042667

Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27141151
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27141100
eCl@ss 7.0	27141151
eCl@ss 8.0	27141151
eCl@ss 9.0	27141151

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC002021
ETIM 6.0	EC002021
ETIM 7.0	EC002021

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402
UNSPSC 18.0	39121402
UNSPSC 19.0	39121402
UNSPSC 20.0	39121402
UNSPSC 21.0	39121402

COMBI receptacle - SC 4-RZ/ 6 - 3042667

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / 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	
Nominal voltage UN	600 V	600 V	
Nominal current IN	30 A	30 A	
mm ² /AWG/kcmil	28-10	28-10	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	30 A	30 A	
mm ² /AWG/kcmil	28-10	28-10	

EAC		RU C- DE.A*30.B.01742
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EAC		RU C- DE.BL08.B.00511
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cULus Recognized	
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Accessories

Accessories

Coding element

COMBI receptacle - SC 4-RZ/ 6 - 3042667

Accessories

Coding star - PC - 3040588



Coding star, length: 3 mm, width: 3 mm, height: 6 mm, color: red

End cover

End cover - D-SC 4 - 3043307



End cover, length: 22.3 mm, width: 3.2 mm, height: 48.6 mm, color: gray

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, color: blue

COMBI receptacle - SC 4-RZ/ 6 - 3042667

Accessories

Insulating sleeve - MPS-IH YE - 0201692

Insulating sleeve, color: yellow



Insulating sleeve - MPS-IH GN - 0201702

Insulating sleeve, color: green



Insulating sleeve - MPS-IH GY - 0201728

Insulating sleeve, color: gray



Insulating sleeve - MPS-IH BK - 0201731

Insulating sleeve, color: black



Insulating sleeve - ISH 4/0,5 - 3002885

Insulating sleeve, color: gray



COMBI receptacle - SC 4-RZ/ 6 - 3042667

Accessories

Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, color: black

Mounting material

Strain relief - CZ/2 - 3043831



Strain relief, length: 28.9 mm, width: 19.8 mm, number of positions: 2, color: black

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Actuation tool - ST-BW - 1207608



Actuation tool, for all 2.5 mm² - 4.0 mm² spring-cages

Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, color: gray

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