

Device connector, rear mounting - PRC 3-FT25-MC - 1409218

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Circular connectors (device-side), Range of articles: PRC, Device connector, rear mounting, housing material: PPE, color: black, number of positions: 3, nom. voltage: 690 V AC, rated current: 35 A, Connection method: Crimp connection, Type of contact: Pin

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 867719
GTIN	4046356867719
Weight per Piece (excluding packing)	15.200 g
Custom tariff number	85389099
Country of origin	Poland

Technical data

General data

Number of positions	3
Protection class	II
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	50
Insertion force	30 N ±10 N
Degree of protection (not plugged in)	IP65 (Longitudinal watertightness, only in conjunction with contacts from the accessories range)
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K

Connection data

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Technical data

Connection data

Rated current	35 A (With 6 mm ² conductor cross section in accordance with IEC 61984)
	32 A (With 6 mm ² conductor cross section in accordance with IEC 61535)
	21.4 A (With 6 mm ² conductor cross section and 85 °C in accordance with 2 PFG 1915)
	35 A (With 6 mm ² /AWG 10, in accordance with UL 2238)
Nominal voltage ATD	690 V AC (in accordance with IEC 61984)
	500 V AC (in accordance with IEC 61535/2 PFG 1915)
	600 V AC (In accordance with UL 2238)
Rated voltage (III/2)	690 V
Stripping length	12 mm
Torque	2.5 Nm ±0.1 Nm (Tightening torque nut)
Wrench size, union nut	32 mm
Type of contact	Pin
Stripping length of the sheath	12 mm

Material data

Contact material	Cu
Contact surface material	Ag
Contact carrier material	PPE
Flammability rating according to UL 94	V0

Standards and Regulations

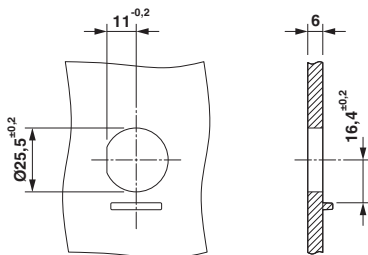
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

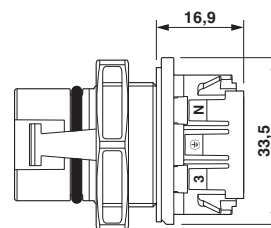
Drawings

Dimensional drawing



Housing cutout

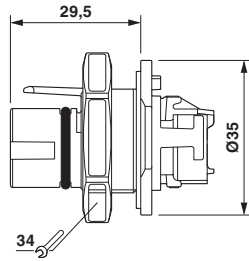
Dimensional drawing



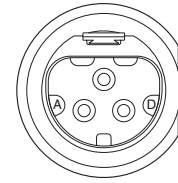
Dimensional drawing

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Dimensional drawing



Schematic diagram



Connector pin assignment

Dimensional drawing

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121413

Approvals

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DNV GL / TÜV Rheinland / TÜV Rheinland / TÜV Rheinland / UL Listed / cUL Listed / EAC / cULus Listed


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Approvals


Ex Approvals


Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE00002KM
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TÜV Rheinland		http://www.certipedia.com	R 60117908
Nominal voltage UN		500 V	
Nominal current IN		21.4 A	
mm ² /AWG/kcmil		6	

TÜV Rheinland		http://www.certipedia.com	R 60117904-0002
Nominal voltage UN		690 V	
Nominal current IN		35 A	
mm ² /AWG/kcmil		6	

TÜV Rheinland		http://www.certipedia.com	R 60117904-0001
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UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E221474-20150513
Nominal voltage UN		600 V	
Nominal current IN		35 A	
mm ² /AWG/kcmil		14-10	

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Approvals

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E221474-20150513
Nominal voltage UN		600 V	
Nominal current IN		35 A	
mm ² /AWG/kcmil		14-10	

EAC		B.01742
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cULus Listed	
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Accessories

Accessories

Circular connector (cable-side)

Crimp contact - CK2,5-M-2,5 AG - 1409207



Circular connectors (cable-side), Range of articles: PRC, Crimp contact, max. conductor cross section: 2.5 mm², Connection method: Crimp connection, Type of contact: Pin

Crimp contact - CK2,5-M-4 AG - 1409208



Circular connectors (cable-side), Range of articles: PRC, Crimp contact, max. conductor cross section: 4 mm², Connection method: Crimp connection, Type of contact: Pin

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Accessories

Crimp contact - CK2,5-M-6 AG - 1409209



Circular connectors (cable-side), Range of articles: PRC, Crimp contact, max. conductor cross section: 6 mm², Connection method: Crimp connection, Type of contact: Pin

Crimping tool

Crimping pliers - CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

Crimping pliers - CRIMPFOX-4,0-ED-6,00 - 1205859



Crimping pliers, for CK 4,0... contacts, for 4.0 - 6.0 mm² conductor cross sections

Protective cover

Protective cap - PRC COVER M - 1409237



Protective cap for 3 and 5-pos. PRC device plugs

Screwdriver tools

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Accessories

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

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip
