

## Device connector, rear mounting - PRC 3-FT25-MC2,5-150 - 1409219

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PRC device connector, black, 3-pos., 690 V (IEC 61984), 24 A, crimp connection, 2.5 mm<sup>2</sup> with 150 mm cable length, cut smooth at the end

RoHS

### Key Commercial Data

Packing unit	10 STK
GTIN	
GTIN	4046356867726
Weight per Piece (excluding packing)	35.640 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### General data

Number of positions	3
Protection class	II
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	100
Pull-out-force	150 N ± 50 N
Insertion force	30 N ± 10 N
Degree of protection (not plugged in)	IP65 (Lengthwise waterproofing)
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K

#### Connection data

Rated current	24 A (with a 2.5 mm <sup>2</sup> conductor cross section)
Rated voltage (III/2)	690 V
Conductor cross section flexible max.	2.5 mm <sup>2</sup>

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## Technical data

### Connection data

Torque	2.5 Nm $\pm$ 0.1 Nm (Tightening torque nut)
Wrench size, union nut	32.00 mm
Type of contact	Pin

### Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	mPPE
Flammability rating according to UL 94	V0

### Conductor data

Fixed cable length	150 mm
Single wire, material	PVC
Single wire, color	black, blue, green/yellow
Wire diameter incl. insulation	3.65 mm $\pm$ 0.15 mm

### Standards and Regulations

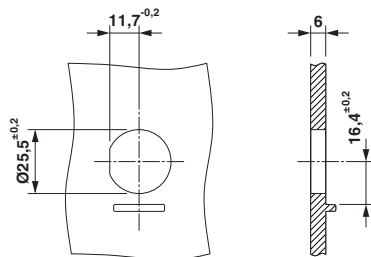
Standard designation	Shock, vibration
Standards/regulations	DIN EN 60068-2-6
	DIN EN 60068-2-27
	ETSI EN 300 019-1-4 V2.2.1 (2014-04)
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

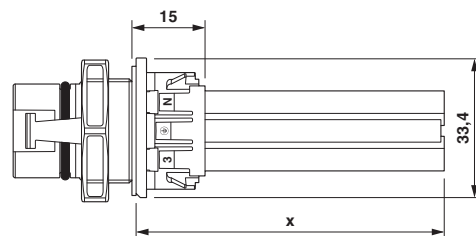
## Drawings

Dimensional drawing



Housing cutout

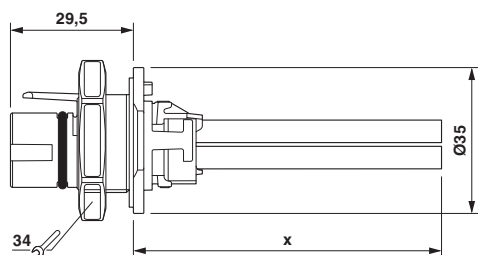
Dimensional drawing



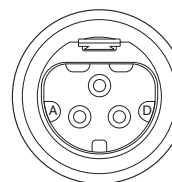
Dimensional drawing

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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	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

### ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002635
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

### Approvals

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Approvals

EAC / UL Listed / cUL Listed / UL Listed / cUL Listed / null / null / cULus Listed

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### Ex Approvals

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# Device connector, rear mounting - PRC 3-FT25-MC2,5-150 - 1409219

## Approvals

### Approval details

EAC		B.00767
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UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E221474-20150513
mm <sup>2</sup> /AWG/kcmil	2.5	
Nominal current IN	35 A	
Nominal voltage UN	600 V	

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E221474-20150513
mm <sup>2</sup> /AWG/kcmil	2.5	
Nominal current IN	35 A	
Nominal voltage UN	600 V	

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E221474-20150513
mm <sup>2</sup> /AWG/kcmil	14-10	
Nominal current IN	35 A	
Nominal voltage UN	600 V	

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

		R 60117904-0002
mm <sup>2</sup> /AWG/kcmil	6	
Nominal current IN	35 A	

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## Approvals

Nominal voltage UN	690 V
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R 60117904-0001	
mm <sup>2</sup> /AWG/kcmil	6
Nominal current I <sub>N</sub>	32 A
Nominal voltage UN	500 V

cULus Listed	
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## Accessories

### Accessories

#### Protective cover

Protective cap - PRC COVER M - 1409237



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