

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 mm² with 150 mm cable length, cut smooth at the end

RoHS

Key Commercial Data

Packing unit	10 STK
GTIN	
GTIN	4046356867726

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 ² conductor cross section)
Rated voltage (III/2)	690 V
Conductor cross section flexible max.	2.5 mm ²
Torque	2.5 Nm ± 0.1 Nm (Tightening torque nut)
Wrench size, union nut	32.00 mm
Type of contact	Pin

Material data

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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 ±0.15 mm

Standards and Regulations

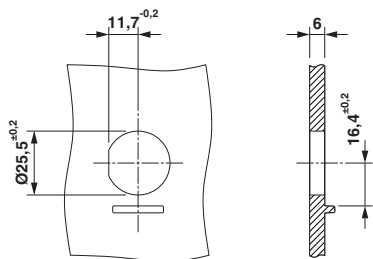
Standard designation	Shock, vibration
Standards/regulations	DIN EN 60068-2-6
	DIN EN 60068-2-27
	ETSI EN 300 019-1-4 V2.2.1 (2014-04)
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

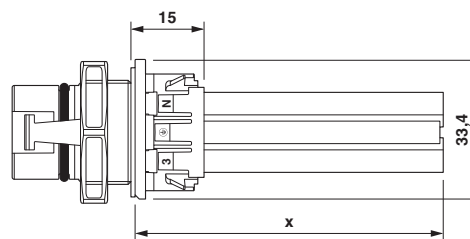
Drawings

Dimensional drawing



Housing cutout

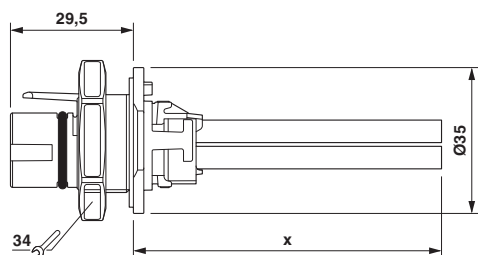
Dimensional drawing



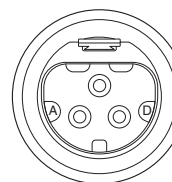
Dimensional drawing

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Dimensional drawing



Schematic diagram



Connector pin assignment

Dimensional drawing

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details


EAC		B.00767
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UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
mm ² /AWG/kcmil	2.5	
Nominal current I _N	35 A	
Nominal voltage U _N	600 V	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
mm ² /AWG/kcmil	2.5	
Nominal current I _N	35 A	
Nominal voltage U _N	600 V	

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

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

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

TÜV Rheinland	http://www.certipedia.com	R 60117904-0001
mm ² /AWG/kcmil	6	
Nominal current IN	32 A	
Nominal voltage UN	500 V	

cULus Listed	
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