

Device connector, rear mounting - PRC 5-FT25-MC2,5-150 - 1409211

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PRC device connector, black, 5-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	 4 046356 864336
GTIN	4046356864336

Technical data

General data

Number of positions	5
Protection class	II
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	100
Pull-out-force	175 N ± 50 N
Insertion force	40 N ± 10 N
Degree of protection (not plugged in)	IP65 (Lengthwise waterproofing)
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h)

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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Technical data

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	blue, black, gray, brown, green/yellow
Wire diameter incl. insulation	3.65 mm $\pm$ 0.15 mm

Standards and Regulations

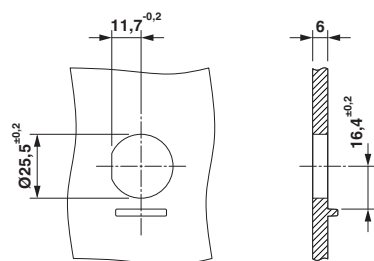
Flammability rating according to UL 94	V0
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Environmental Product Compliance

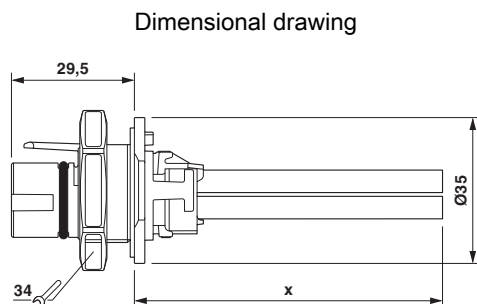
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing

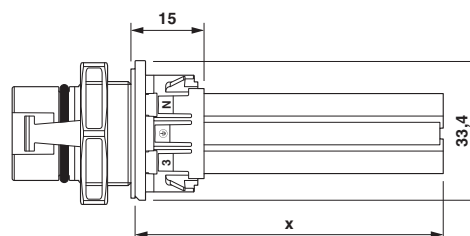


Housing cutout



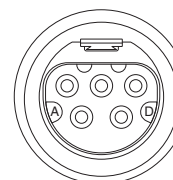
Dimensional drawing

Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

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Approvals

Approvals

Approvals

EAC / 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
mm²/AWG/kcmil	2.5	
Nominal current I _N	30 A	
Nominal voltage U _N	600 V	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
mm²/AWG/kcmil	2.5	
Nominal current I _N	30 A	
Nominal voltage U _N	600 V	

TÜV Rheinland	http://www.certipedia.com	R 60117904-0002
mm²/AWG/kcmil	6	
Nominal current I _N	35 A	
Nominal voltage U _N	690 V	

TÜV Rheinland	http://www.certipedia.com	R 60117904-0001
mm²/AWG/kcmil	6	
Nominal current I _N	32 A	
Nominal voltage U _N	500 V	

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Approvals

cULus Listed



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