

MQ15 female 90° with cable 600V AC type 3

PUR 4x2.5 bk UL/CSA+drag ch. 3m

MQ15, 4-pole Female 90°

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

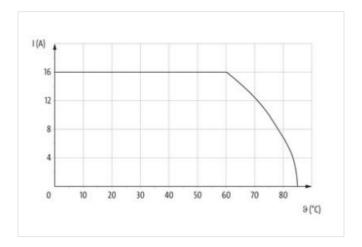
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

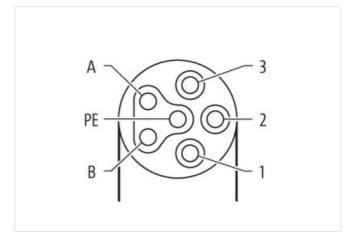
Link to Product

Illustration



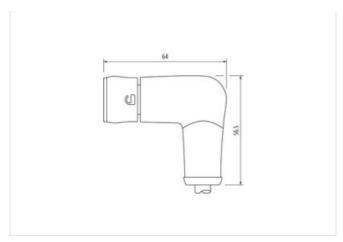








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Product may differ from Image











Cable length	3 m
Side 1	
Mounting method	inserted, locked
Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal Ø)	18 mm
Cable outlet	angled
Coding	Type 3
Material contact	Copper alloy
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Stripping length (jacket)	100 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909061862
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Current operating per contact max.	16 A
Diagnostics	
Status indication LED	no
Installation Connection	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26



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Locking material POM Mechanical data Mounting data Locking techniques bayonet-locking Environmental characteristics Climatic Operating temperature min. 30 °C Operating temperature max. 85 °C Additional condition temperature rams. 85 °C Additional condition temperature rams. 85 °C Modificant condition temperature rams. 85 °C Additional condition temperature rams. 85 °C Additional condition temperature rams. 85 °C Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard IEC 61076-2-116 Installation Cable Were arrangement green-yellow, black 3, black 2, black 1 Cable identification P36 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color black Type of Certificate CURus Amount stranding 1 Stranding 4 wires twisted wire arrangement green-yellow, black 3, black 2, black 1 Cable weigh 201,3 g/m Meterial jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Annount wires 4 Annount wires 4 Audical wire insulation PPR Annount wires 4 Annount wires 4 Audical diameter insulation PPR Annount wires wire insulation 1 L5 % Shore hardness wire insulation 1 Material price insulation 1 Material price insulation 1 Annount wires wire insulation 1 Annount wires wire insulation 1 PPR Annount wires wire insulation 1 Annount wires wire insulation 1 Annount strand (wire) 1	Stripping length (jacket)	100 mm
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Outer diameter insulation 2,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm	Material wire insulation	PP
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Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm	Outer diameter insulation	2,85 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm	Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire) 140 Diameter of single wires 0,15 mm	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,15 mm	Printing color of wire insulation	white (isolation black)
•	Amount strands (wire)	140
Conductor crosssection (wire) 2,5 mm ²	Diameter of single wires	0,15 mm
	Conductor crosssection (wire)	2,5 mm²



Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	20,8 A
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min