

MQ15 female 0° with cable 600V AC type 3

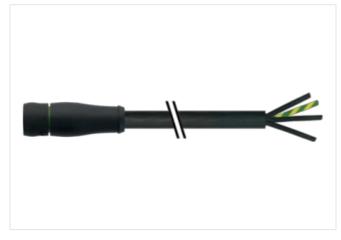
PUR 4x1.5 bk UL/CSA+drag ch. 1,5m

Female straight MQ15, 4-pole 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.

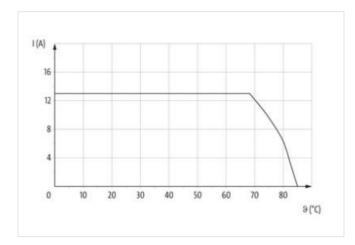
Further cable lengths on request.

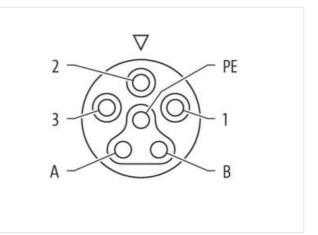
Link to Product





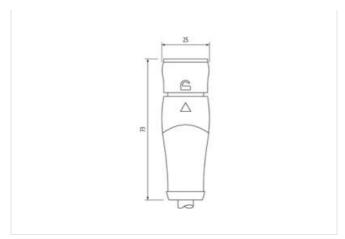
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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-14





Product may differ from Image



Cable length	1,5 m
Side 1	
Mounting method	inserted, locked
Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal $Ø$)	18 mm
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	4048879909228
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Current operating per contact max.	13 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	100 mm

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Installation | Pin assignment

Device protection Electrical Additional condition protection degree inserted, locked Rated surge voltage 6 kV Material group (EC 60664-1) i Material protection Electrical PA Material contact carrier PA Decling material POM Material contact carrier PA Locking technicals beyonet-locking Technical data Mounting data beyonet-locking Decling temperature min. -00 °C Operating temperature min. -00 °C Operating temperature max. 85 °C Additional condition temperature rarge deperding on cable quality Contromity Electrical Carlie Product standard P16 Cable identification P18 Cable identifica	Installation Pin assignment	
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Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation2,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor wireStranded copper wire, bareConductor wireStranded copper wire, bareConductor wireStranded copper wire, bareConductor type (wire)1,50 M2Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Material jacket	PUR
Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 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) 84 Diameter of single wires 0,15 mm Conductor crossection (wire) 1,5 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	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) $\pm 5 \%$ Material wire insulationPPAmount wires4Outer diameter insulation2,3 mmOuter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 60 ± 5 Shore DIngredient freeness wire insulation 60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 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) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 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	Outer-diameter (jacket)	
Amount wires4Outer diameter insulation2,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation2,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Material wire insulation	PP
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Amount wires	4
Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer diameter insulation	2,3 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer diameter tolerance core insulation	±5%
Printing color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 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	Printing color of wire insulation	white (isolation black)
Conductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4		84
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	Diameter of single wires	0,15 mm
Conductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Conductor crosssection (wire)	
Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4	Material conductor wire	
Current load capacity (standard) to DIN VDE 0298-4	Conductor type (wire)	
Current load capacity min. wire 14,4 A		
	Gurrent load capacity min. wire	14,4 A

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Electrical resistance line constant wire	13,3 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 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cvcles/min

Torsion speed

35 cycles/min

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