

## MQ15 fem. 90° with cable shielded 600V AC type 3

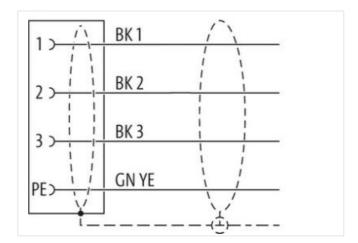
PUR 4x2.5 or UL/CSA+drag ch. 15m

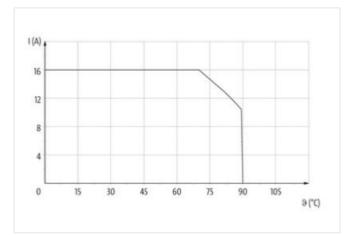
MQ15, 4-pole Female angled, contact carrier 90° turned shielded without cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

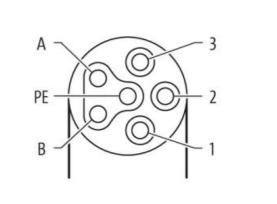
## Link to Product

Illustration





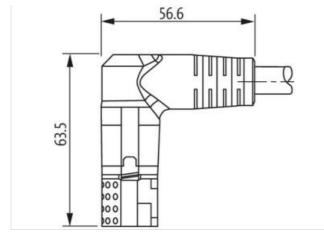




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Product may differ from Image



Cable length	15 m
Side 1	
Mounting method	inserted, screwed
Coating contact	silver-plated
Family construction form	MQ15
Material contact	Copper alloy
No. of poles	4
Side 2	
Stripping length (jacket)	30 mm
Commercial data	
ECLASS-6.0	27279221
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	4048879709927
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	
Stripping length (jacket)	30 mm
Mating cycles min.	500
Installation   Pin assignment	

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Device protection [Electrical           Degree of protection (EN IEC 60629)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         4 kV           Material group (IEC 60664-1)         I           Mechanical data [Material data         Combustibility class housing (UL94)           Combustibility class housing (UL94)         HB           Material nousing         Plastic           Material contact carrier         PA           Mechanical data [Mounting data         Locking techniques           Locking techniques         bayonet-locking           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Opperating temperature range         depending on cable quality           Installation   Cable         Calditional condition temperature range           Cable ishelding (type)         copper braiding, bare           Cable shelding (type)         copper braiding, bare           Cable shelding (type)         copper braiding, bare           Cable shelding (toverage)         85 %           wire arragement         black 1, black 2, black 3, green-yellow           Cable shelding (toverage) <t< th=""><th></th></t<>	
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       4 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data          Combustibility class housing (UL94)       HB         Material conduct carrier       PA         Mechanical data   Mouning data          Looking techniques       bayonet-locking         Environmental characteristics   Climatic          Operating temperature min.       -25 °C         Operating temperature max.       80 °C         Additional condition temporature range       depending on cable quality         Installation       P13         Jacket Color       orange         Cable identification       P13         Jacket Color       orange         Cable shielding (type)       coper braiding, bare         Cable shielding (type)       coper braiding, bare         Cable shielding (type)       10.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material jacket       PUR         Outer diameter (sheath)       ± 5 %         Material jacket       PUR         Outer diameter (sheath)       ± 5 %	
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       4 kV         Material group (ICE G6054-1)       1         Mechanical data   Material data       Image: Comparison of the strength of the	
Polizition Degree     3       Rated surge voltage     4 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Combustibility class housing (UL94)     HB       Material nousing     Plastic       Material contact carrier     PA       Mechanical data   Mounting data        Looking techniques     bayonet-locking       Environmental characteristics   Climatic        Operating temperature min.     -25 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable        Cable identification     P13       Jacket Color     orange       Cable shielding (type)     copper braiding, bare       Cable shielding (type)     copper braiding, bare       Cable shielding (type)     copper braiding, bare       Cable weight     149.6 g/m       Material jacket     PUR       Outer-diameter (sheath)     1.5 %       Material jacket     PUR       Conductor crossection (wire)     2.5 mm²       Material jacket     PUR       Conductor crossection (wire)     2.5 mm²       Material jacket     PUR       Conductor crossection (wire)     2.5 mm²	
Rated surge voltage         4 kV           Material group (IEC 80664-1)         I           Mechanical data   Material data            Combustibility class housing (UL94)         HB           Material nousing         Plastic           Material nousing         Plastic           Material contact carrier         PA           Mechanical data   Mounting data            Looking techniques         bayonet-looking           Environmental characteristics   Climatic            Operating temperature main.         -25 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable            Cable chiefding (type)         copper braiding, bare           Cable shiefding (type)         copper braiding, bare           Cable shiefding (overage)         85 %           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weigth         149.6 g/m           Material conductor wire         5 %           Material conductor wire         2.5 mm²           Material conductor wire         2.5 mm²           Material conductor wire         S m²           Conductor	
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Combustibility class housing (UL94)         HB           Material housing         Plastic           Material contact carrier         PA           Mechanical data [Mounting data         Looking techniques         bayonet-looking           Environmental characteristics   Climatic         Comparing temperature main.         -25 °C           Operating temperature max.         80 °C         Additional condition temperature max.         80 °C           Additional condition temperature max.         80 °C         Combustibility (pp)         Coperating temperature max.         80 °C           Cable identification         P13         Jacket Color         orange         Cable identification         P13           Jacket Color         orange         S5 %         orange         Cable identification         P13           Gable shielding (type)         copper braiding, bare         Cable identification         P13           Jacket Color         orange         Cable identification         P14           Cable shielding (type)         copper braiding, bare         Cable identification         P18           Jacket Color         orange         Cable identification         P19           Cable weigth         149,6 g/m         Cable identification         T19,6 g/m           Gable weigth         149,6	
Material contact carrier         Plastic           Material contact carrier         PA           Mechanical data   Mounting data         Looking techniques         bayonet-looking           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         80 °C         Additional condition temperature range           depending on cable quality         Installation   Cable         Cable identification           Cable identification         P13         Jacket Color         orange           Cable shielding (type)         coper braiding, bare         Cable shielding (toverage)         85 %           Waterial jacket         PUR         Outer-diameter (jacket)         10,6 mm           Tolerance outer diameter (sheath)         ± 5 %         Material jacket         PUR           Audutor vrine         Stranded copper wrine, bare         Aductor corssection (wire)         2,5 ms²           Amount wires         4         Conductor wrine, bare         Material wire insulation         TPE           Amount wires         4         V         Conductor wire, bare         Nominal voltage power AG max.         1000 V           Power frequency withstand voltage power (wire - wire)         4 kV         Akvitand voltage power (wire - wire)         4 kV	
Material contact carrier         PA           Mechanical data   Mounting data         Looking techniques         bayonet-looking           Environmental characteristics   Climatic         Comparing temperature min.         -25 °C           Operating temperature max.         80 °C         Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification         P13         Jacket Color         orange           Cable shielding (type)         coper braiding, bare         Cable shielding (type)         coper braiding, bare           Cable shielding (coverage)         85 %         wire arrangement         black 1, black 2, black 3, green-yellow           Cable weigth         149,6 g/m         Material jacket         PUR           Outer-diameter (gacket)         10,6 mm         Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         TPE         Amount wires         4           Conductor or wire         Stranded copper wire, bare         Nominal voltage power AC max.         1000 V           Power fraquency withstand voltage power (wire - wire)         4 kV         AC withstand voltage power (wire - wire)         4 kV           Adustriand voltage power (wire - wire)         4 kV         Act withstand voltage power (wire - wire)         4 kV	
Mechanical data   Mounting data           Looking techniques         bayonet-locking           Environmental characteristics   Climatic         Construction           Operating temperature min.         -25 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable shielding (type)           Cable shielding (type)         orange           Cable shielding (type)         copper braiding, bare           Cable shielding (coverage)         85 %           wire arrangement         black 1, black 2, black 3, green-yellow           Cable shielding (coverage)         85 %           wire arrangement         black 1, black 2, black 3, green-yellow           Cable shielding (coverage)         85 %           wire arrangement         black 1, black 2, black 3, green-yellow           Cable shielding (coverage)         85 %           Material jacket         PUR           Outer-diameter (sheath)         ± 5 %           Material wire insulation         TPE           Arount wires         4           Conductor ories         2,5 mm²           Material conductor wire         Stranded copper wire, bare           Nominal voltage power AC max. <td></td>	
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(wire - jacket)     4 kV       AC withstand voltage power (wire - wire)     4 kV       Min. operating temperature (static)     -50 °C       Max. operating temperature (fixed)     80 °C	
Min. operating temperature (static)     -50 °C       Max. operating temperature (fixed)     80 °C	
Max. operating temperature (fixed) 80 °C	
Operating temperature min. (dynamic) -35 °C	
Operating temperature max. (dynamic) 70 °C	
Flame resistance UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2	
chemical resistance Good, application-related testing	
Gasoline resistance Good, application-related testing	
Oil resistance Good, application-related testing   DIN EN 60811-404	
No. of bending cycles (C-track) 5 Mio.	
Bending radius (fixed)     4 x Outer diameter	
Bending radius (dynamic)     7,5 x Outer diameter	
Torsion stress ± 15 °/m	

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