

MQ15 female 0° with cable 600V AC type 3

PUR 6x2.5 bk UL/CSA+drag ch. 3m

Female straight
MQ15, 6-pole
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



Product may differ from Image

UL

Cable length	3 m
Side 1	
Mounting method	inserted, screwed
Coating contact	silver-plated
Family construction form	MQ15

Material contact	Copper alloy
No. of poles	6
Side 2	
Stripping length (jacket)	30 mm
取引条件	
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
GTIN	4048879591140
HSコード	85444290
Packaging unit	1
Electrical data Supply	
Operating voltage AC per power contact max.	600 V
Operating voltage AC per signal contact max.	63 V
Operating voltage DC per signal contact max.	63 V
Operating current per power contact max.	16 A
Operating current per signal contact max.	10 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	30 mm
Mating cycles min.	500
Installation Pin assignment	
Configuration	fully used
Device protection Electrical	
Degree of protection (EN IEC 60529)	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)	HB
Material housing	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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Installation Cable	
wire arrangement	black 1, black 2, black 3, black 4, black 5, green-yellow
Cable identification	P01
Jacket Color	black
wire arrangement	black 1, black 2, black 3, black 4, black 5, green-yellow
Material jacket	PUR
Freedom from ingredients (jacket)	halogen-free, LABS-free
Outer-diameter (jacket)	11,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	TPE
Amount wires	6
Ingredient freeness wire insulation	halogen-free, LABS-free
Conductor crossection (wire)	2,5 mm²
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	1000 V
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	4 kV
Power frequency withstand voltage (wire - jacket)	4 kV
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio.
Travel speed (C-track)	3 m/s
Torsion stress	± 15 °/m