

## MQ15 male 0° / MQ15 female 0° 600V AC type 3

PUR 6x2.5 bk UL/CSA+drag ch. 0,6m

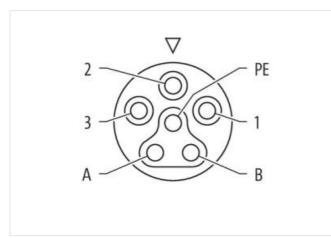
MQ15, 6-pole Male straight – female straight with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

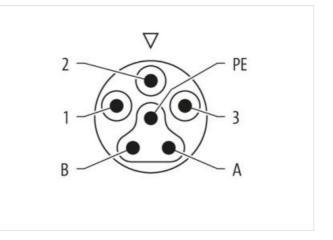
## Link to Product





_	BK1	
	BK 2	
	BK 3	
	GN YE	
-	BK 4	
	BK 5	









Product may differ from Image



Coating contact         silver-plated           Family construction form         MO15           suitable for corrugated tube (internal Ø)         18 mm           Gender         male           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Side 2            Mounting method         inserted, locked           Coating contact         silver-plated           Family construction form         MO15           Gender         female           Suitable for corrugated tube (internal Ø)         18 mm           Coating contact         silver-plated           Family construction form         MO15           Gender         female           Suitable for corrugated tube (internal Ø)         18 mm           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         27279218           ECLASS-6.0 </th <th>Cable length</th> <th>0,6 m</th>	Cable length	0,6 m
Coating contact         silver-plated           Family construction form         MO15           suitable for corrugated tube (internal Ø)         18 mm           Gender         male           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Side 2            Mounting method         inserted, locked           Coating contact         silver-plated           Family construction form         MO15           Gender         female           Suitable for corrugated tube (internal Ø)         18 mm           Coating contact         silver-plated           Family construction form         MO15           Gender         female           Suitable for corrugated tube (internal Ø)         18 mm           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         27279218           ECLASS-6.0 </td <td>Side 1</td> <td></td>	Side 1	
Family construction form         MQ15           Suitable for corrugated tube (internal Ø)         18 mm           Gender         male           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Side 2            Wounting method         inserted, locked           Coaing contact         silver-plated           Family construction form         MO15           Gender         female           suitable for corrugated tube (internal Ø)         18 mm           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27260311	Mounting method	inserted, locked
suitable for corrugated tube (internal Ø)         18 mm           Gender         male           Cable outlet         staight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Side 2            Mounting method         inserted, locked           Coating contact         silver-plated McA           Family construction form         MQ15           Gender         female           suitable for corrugated tube (internal Ø)         18 mm           Cable outlet         staight           Coding         Type 3           Material contact         soper alloy           No. of poles         6           Cable outlet         staight           Coding         Type 3           Material contact         Cooper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-8.0         27279218	Coating contact	silver-plated
Gender         male           Cable outlet         straight           Cable outlet         straight           Coding         Type 3           Material contact         Coopper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Side 2            Mounting method         inserted, locked           Coating contact         silver-plated           Family construction form         MQ15           Gender         female           suitable for corrugated tube (internal Ø)         18 mm           Cable outlet         straight           Coding         Type 3           Material contact         Coopper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         Z7279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0.         27279218           ECLASS-8.0.         27279218           ECLASS-8.0.	Family construction form	MQ15
Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Side 2	suitable for corrugated tube (internal Ø)	18 mm
Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Side 2	Gender	male
Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Side 2            Mounting method         inserted, locked           Coating contact         silver-plated           Family construction form         MQ15           Gender         female           suitable for corrugated tube (internal Ø)         18 mm           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060327           ECLASS-9.0         27060311           ECLASS-10.1         27060311	Cable outlet	straight
No. of poles6Degree of protection (EN IEC 60529)IP65, IP67Side 2Mounting methodinserted, lockedCoating contactsilver-platedFamily construction formMQ15Genderfemalesuitable for corrugated tube (internal Ø)18 mmCable outletstraightCodingType 3Material contactCopper alloyNo. of poles6Degree of protection (EN IEC 60529)IP65, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027260327ECLASS-10.127060311ECLASS-11.127060311	Coding	Туре 3
Degree of protection (EN IEC 60529)IP65, IP67Side 2Mounting methodinserted, lockedCoating contactsilver-platedFamily construction formMQ15Genderfemalesuitable for corrugated tube (internal Ø)18 mmCable outletstraightCodingType 3Material contactCopper alloyNo. of poles6Degree of protection (EN IEC 60529)IP65, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-10.127060327ECLASS-11.127060311	Material contact	Copper alloy
Side 2Mounting methodinserted, lockedCoating contactsilver-platedFamily construction formMQ15Genderfemalesuitable for corrugated tube (internal Ø)18 mmCable outletstraightCodingType 3Material contactCopper alloyNo. of poles6Degree of protection (EN IEC 60529)IP65, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060327ECLASS-10.127060311	No. of poles	6
Mounting method         inserted, locked           Coating contact         silver-plated           Family construction form         MQ15           Gender         female           suitable for corrugated tube (internal Ø)         18 mm           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Conserved data         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27260327           ECLASS-10.1         27060311	Degree of protection (EN IEC 60529)	IP65, IP67
Coating contactsilver-platedFamily construction formMQ15Genderfemalesuitable for corrugated tube (internal Ø)18 mmCable outletstraightCodingType 3Material contactCopper alloyNo. of poles6Degree of protection (EN IEC 60529)IP65, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060327ECLASS-10.127060311ECLASS-11.127060311	Side 2	
Family construction form         MQ15           Gender         female           suitable for corrugated tube (internal Ø)         18 mm           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           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	Mounting method	inserted, locked
Genderfemalesuitable for corrugated tube (internal Ø)18 mmCable outletstraightCodingType 3Material contactCopper alloyNo. of poles6Degree of protection (EN IEC 60529)IP65, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060327ECLASS-10.127060311ECLASS-11.127060311	Coating contact	silver-plated
Additional Control         18 mm           Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           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	Family construction form	MQ15
Cable outlet         straight           Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060327           ECLASS-10.1         27060311           ECLASS-11.1         27060311	Gender	female
Coding         Type 3           Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060327           ECLASS-10.1         27060311           ECLASS-11.1         27060311	suitable for corrugated tube (internal $\emptyset$ )	18 mm
Material contact         Copper alloy           No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060327           ECLASS-10.1         27060311           ECLASS-11.1         27060311	Cable outlet	straight
No. of poles         6           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060327           ECLASS-10.1         27060311           ECLASS-11.1         27060311	Coding	Туре 3
Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         ECLASS-6.0         27279218           ECLASS-6.1         27279218         27279218           ECLASS-7.0         27279218         27279218           ECLASS-8.0         27279218         27279218           ECLASS-9.0         27060327         27060311           ECLASS-11.1         27060311         27060311	Material contact	Copper alloy
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	No. of poles	6
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	Degree of protection (EN IEC 60529)	IP65, IP67
ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060327         ECLASS-10.1       27060311         ECLASS-11.1       27060311	Commercial data	
ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060327         ECLASS-10.1       27060311         ECLASS-11.1       27060311	ECLASS-6.0	27279218
ECLASS-8.0       27279218         ECLASS-9.0       27060327         ECLASS-10.1       27060311         ECLASS-11.1       27060311	ECLASS-6.1	27279218
ECLASS-9.0         27060327           ECLASS-10.1         27060311           ECLASS-11.1         27060311	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311	ECLASS-8.0	27279218
ECLASS-10.1 ECLASS-11.1 27060311	ECLASS-9.0	27060327
	ECLASS-10.1	27060311
ECLASS-12.0 27060327	ECLASS-11.1	27060311
	ECLASS-12.0	27060327

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

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



customs tariff number	85444290
GTIN	4065909044629
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   Pin assignment	
· · ·	
Coding	Type 3
Configuration	fully used
Device protection   Electrical	
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage power contacts	6 kV
Rated surge voltage signal contacts	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Material housing	PUR
Material contact carrier	PA
Locking material	РОМ
Mechanical data   Mounting data	
Looking techniques	bayonet-locking
Environmental characteristics   Climatic	
	-30 °C
Operating temperature min. Operating temperature max.	-30 °C 85 °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.
Conformity	
Product standard	IEC 61076-2-116
Installation   Cable	
wire arrangement	black 5, black 4, black 3, black 2, black 1, green-yellow
Cable identification	P63
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Stranding	6 wires around Filler twisted
Filler	yes
wire arrangement	black 5, black 4, black 3, black 2, black 1, green-yellow
Cable weigth	227,7 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	10,5 mm

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	6
Outer diameter insulation	2,85 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	140
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	2,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Shore hardness wire insulation (Data)	60 ± 5 Shore D
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	19,5 A
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV
Power frequency withstand voltage (wire - jacket)	10 KV
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 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
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. 25 °C
Torsion stress	± 180 °/m @ 25 °C
Torsion speed	35 cycles/min 25 °C

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

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl