

MQ15



FEATURES

- Sealed with ¼ turn - No tools required
- Fully molded
- Tamper proof
- Flex and vibration protection
- IP67 rating

OPTIONS

- 4 or 6-pole
- Shielded or unshielded
- PUR or PVC cable jacket (unshielded)
- 13 or 16A conductors
- Single or Double-ended



Murrelektronik's MQ15 cables are the solution for AC/DC power and signal transfer, with three contacts that can carry up to 16A at 600V AC and two more that can carry signal at 10A. An additional pin at the center of each connector is used to establish a ground connection for added safety. With custom quick connection technology, each cable can be connected and sealed within seconds, no tools required.

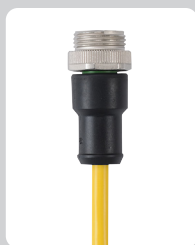
Cable Properties	PVC	PUR	Shielded PUR
Flame Retardant	✓	✓	✓
Chemical Resistant	✓	✓	✓
Oil Resistant		✓	✓
Halogen Free		✓	✓
Nominal Voltage	1000V AC		
Flex Rating		5 million	
Temperature Range (Flex)	-5 to 80°C	-20 to 60°C	-20 to 60°C
Temperature Range (Fixed)	-20 to 80°C	-40 to 80°C	-40 to 80°C
Jacket Color	Black		Orange

Related MURRELEKTRONIK Products

M23



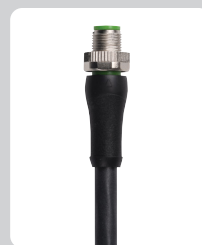
Mini (7/8")



Mini IDC



M12 Power



M12 IDC



Motor Connections
Made Simple

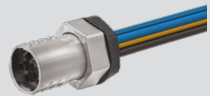


With our MQ15 receptacles, motors can be converted to a pluggable solution. Motor integration is possible thanks to the M20 × 1.5 thread. *No adapters needed!*



Front Mount Male Receptacles - Shielded

Poles	Art. Number	Cable (x)
4	7000-P8281-x	P81/P82
6	7000-P8381-x	P80/P83

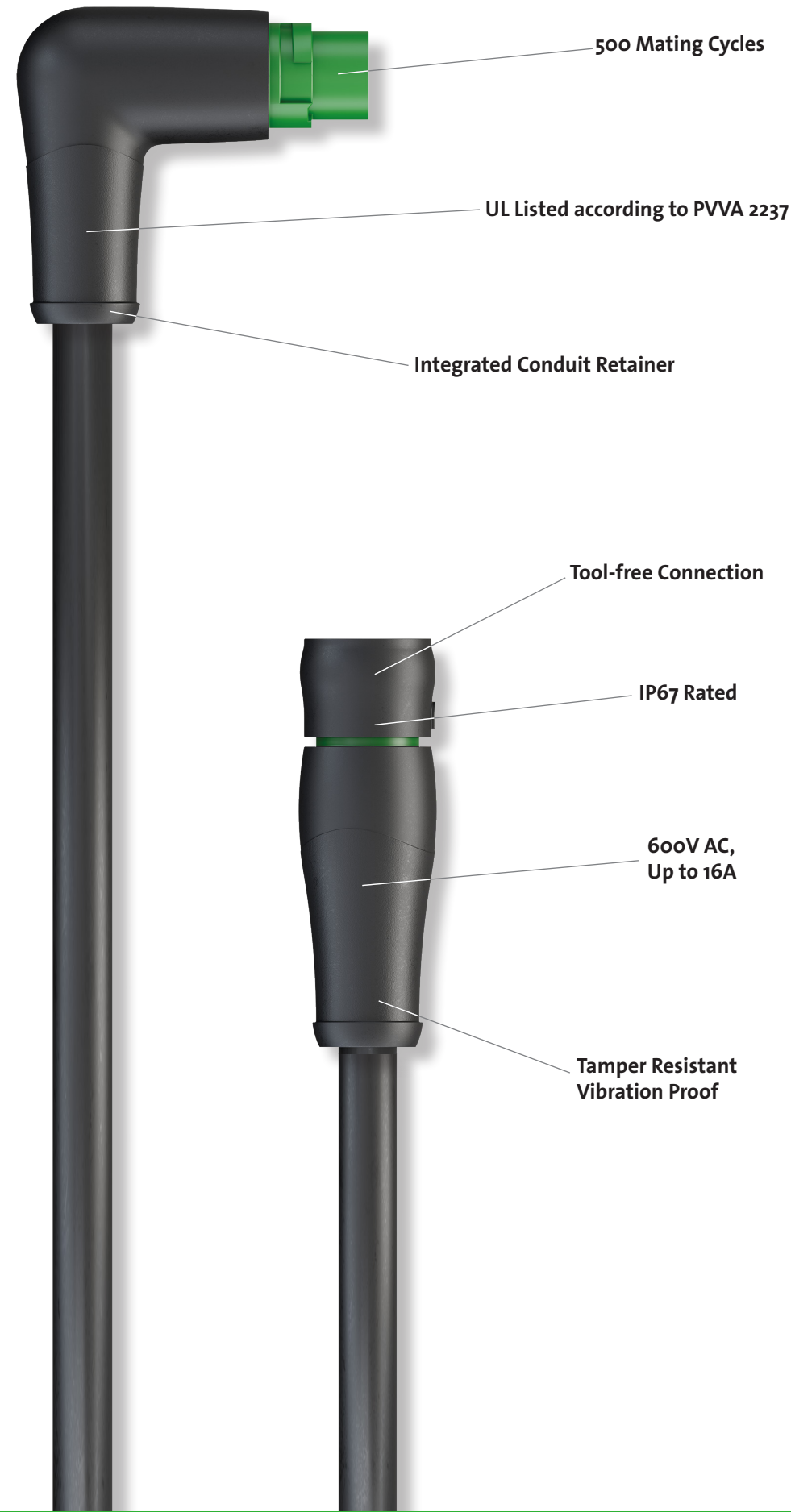


Front Mount Female Receptacles - Shielded

Poles	Art. Number	Cable (x)
4	7000-P8291-x	P81/P82
6	7000-P8391-x	P80/P83

Cable (x)	Poles	Cable Color
P80	6 x 2.5mm²	black/blue
P81	4 x 1.5mm²	black
P82	4 x 2.5mm²	black
P83	6 x 1.5mm²	black/blue

MQ15 At A Glance



MALE STRAIGHT



Unshielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm² (16AWG)	PVC	Black	7000-P8201-P71xxxx
		PUR		7000-P8201-P16xxxx
	2.5mm² (14AWG)	PVC		7000-P8201-P72xxxx
		PUR		7000-P8201-P36xxxx
6	1.5mm² (16AWG)	PVC		7000-P8101-P73xxxx
		PUR		7000-P8101-P64xxxx
	2.5mm² (14AWG)	PVC		7000-P8101-P74xxxx
		PUR		7000-P8101-P63xxxx
Shielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm²	PUR	Orange	7000-P8001-P12xxxx
	2.5mm²			7000-P8001-P13xxxx
6	2.5mm²			7000-P8301-P11xxxx

FEMALE 90° LEFT



Unshielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm² (16AWG)	PVC	Black	7000-P8232-P71xxxx
		PUR		7000-P8232-P16xxxx
	2.5mm² (14AWG)	PVC		7000-P8232-P72xxxx
		PUR		7000-P8232-P36xxxx
6	1.5mm² (16AWG)	PVC		7000-P8132-P73xxxx
		PUR		7000-P8132-P64xxxx
	2.5mm² (14AWG)	PVC		7000-P8132-P74xxxx
		PUR		7000-P8132-P63xxxx
Shielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm²	PUR	Orange	7000-P8032-P12xxxx
	2.5mm²			7000-P8032-P13xxxx
6	2.5mm²			7000-P8332-P11xxxx

MALE STRAIGHT to FEMALE STRAIGHT



Unshielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm² (16AWG)	PVC	Black	7000-P8241-P71xxxx
		PUR		7000-P8241-P16xxxx
	2.5mm² (14AWG)	PVC		7000-P8241-P72xxxx
		PUR		7000-P8241-P36xxxx
6	1.5mm² (16AWG)	PVC		7000-P8141-P73xxxx
		PUR		7000-P8141-P64xxxx
	2.5mm² (14AWG)	PVC		7000-P8141-P74xxxx
		PUR		7000-P8141-P63xxxx
Shielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm²	PUR	Orange	7000-P8041-P12xxxx
	2.5mm²			7000-P8041-P13xxxx
6	2.5mm²			7000-P8341-P11xxxx

FEMALE STRAIGHT

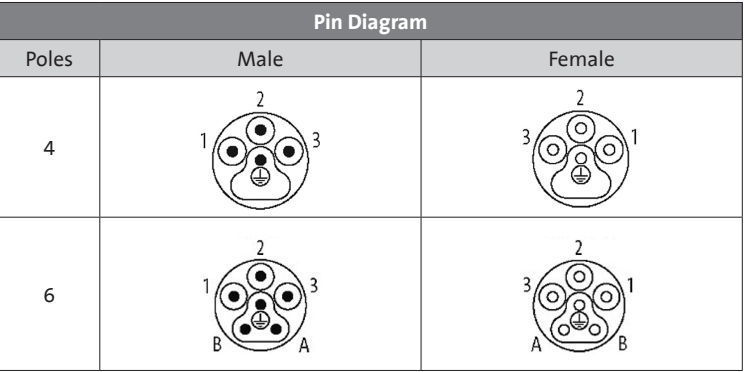


Unshielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm² (16AWG)	PVC	Black	7000-P8221-P71xxxx
		PUR		7000-P8221-P16xxxx
	2.5mm² (14AWG)	PVC		7000-P8221-P72xxxx
		PUR		7000-P8221-P36xxxx
6	1.5mm² (16AWG)	PVC		7000-P8121-P73xxxx
		PUR		7000-P8121-P64xxxx
	2.5mm² (14AWG)	PVC		7000-P8121-P74xxxx
		PUR		7000-P8121-P63xxxx
Shielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm²	PUR	Orange	7000-P8021-P12xxxx
	2.5mm²			7000-P8021-P13xxxx
6	2.5mm²			7000-P8321-P11xxxx

FEMALE 90° RIGHT

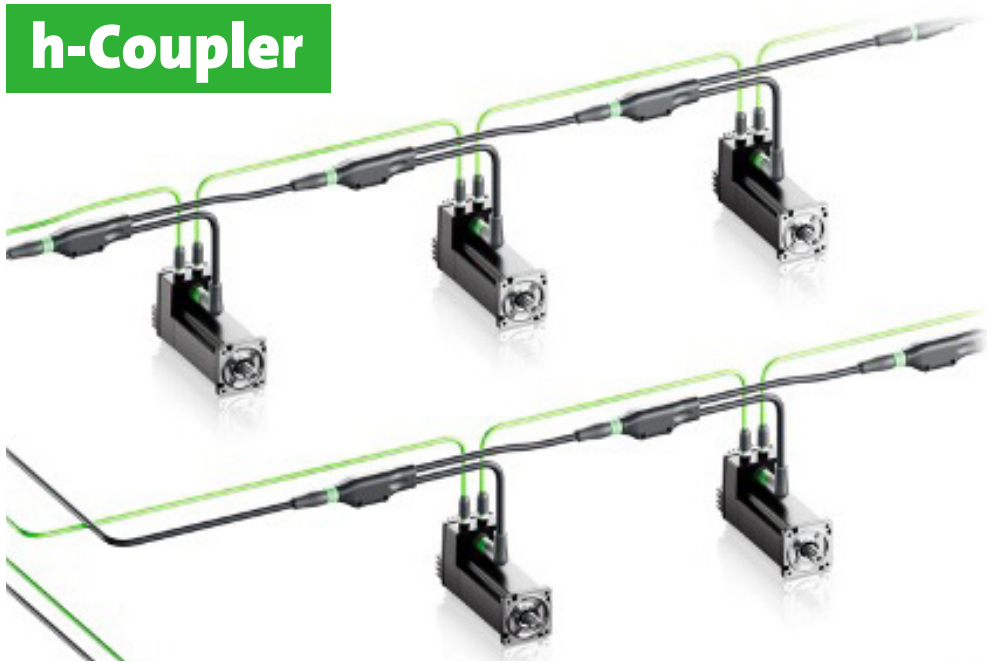


Unshielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm² (16AWG)	PVC	Black	7000-P8231-P71xxxx
		PUR		7000-P8231-P16xxxx
	2.5mm² (14AWG)	PVC		7000-P8231-P72xxxx
		PUR		7000-P8231-P36xxxx
6	1.5mm² (16AWG)	PVC		7000-P8131-P73xxxx
		PUR		7000-P8131-P64xxxx
	2.5mm² (14AWG)	PVC		7000-P8131-P74xxxx
		PUR		7000-P8131-P63xxxx
Shielded				
Poles	Size	Cable Type	Color	Art. Number
4	1.5mm²	PUR	Orange	7000-P8031-P12xxxx
	2.5mm²			7000-P8031-P13xxxx
6	2.5mm²			7000-P8331-P11xxxx



xxxx = Cable length in meters
0100 = 1m 1000 = 10m
0300 = 3m 2000 = 20m
0500 = 5m 3000 = 30m

h-Coupler



Simple Power Distribution



With the MQ15 h-coupler, motors can be connected easily and quickly. This means that simple patches can be made in the power supply. This significantly reduces the installation effort when connecting several motors.



h-coupler MQ15 male / 2x MQ15 female					
Poles	Size	Cable Type	Color	Cable (x)	Art. Number
4	1.5mm² (16AWG)	PUR	Black	P16	7000-P8AAH-x
	2.5mm² (14AWG)			P36	
6	2.5mm² (14AWG)			P63	
	1.5mm² (16AWG)			P64	
4	1.5mm² (16AWG)	PVC		P71	
	2.5mm² (14AWG)			P72	
6	1.5mm² (16AWG)			P73	
	2.5mm² (14AWG)			P74	

Accessories



Field Wireables

Description	Art. Number
Male, crimp connection	7000-P8501-0000000
Female, crimp connection	7000-P8541-0000000
Male, contact 1.5mm ² (16AWG)	7000-P8911-0000000
Female, contact 1.5mm ² (16AWG)	7000-P8912-0000000
Male, contact 2.5mm ² (14AWG)	7000-P8913-0000000
Female, contact 2.5mm ² (14AWG)	7000-P8914-0000000



T-Coupler

Description	Art. Number
MQ15 Male / 2 x MQ15 Female	7000-P8401-0000000



Blind Plug

Quantity	Art. Number
10 pieces	7000-P8907-0000000
100 pieces	7000-P8906-0000000