


02 0251

Quicklock circular connectors, IP67

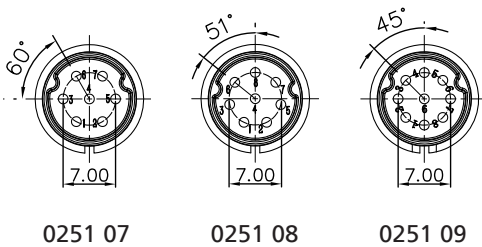
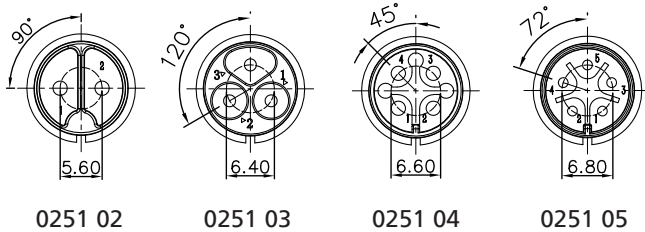
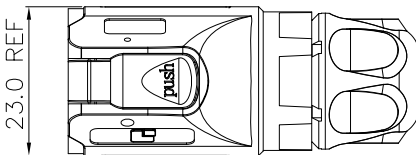
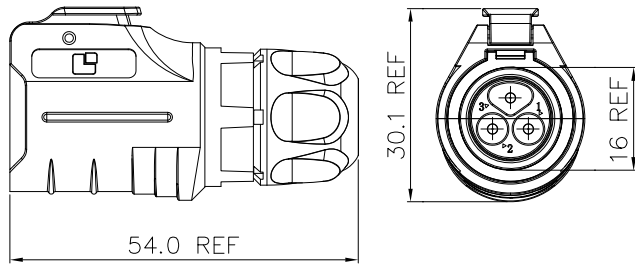


Quicklock plug with locking latch, IP67, size 16, straight version, with plastic housing and solder terminals

Approvals: 

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Pin configurations, mating side view



Environmental conditions

Temperature range -40 °C/+80 °C

Materials

Insulating body	PBT, V-0 according to UL94
Contact pin	CuZn, gold-plated
Housing	PBT, V-0 according to UL94 ¹
Locking	Zn-alloy, chrome-plated
Cap nut	PBT, V-0 according to UL94 ¹

¹ outdoor sustainable (F1 according to UL 746C)

Mechanical data

Protection class IP67¹

¹ only in locked condition with an appropriate counterpart



Connectable conductors for solder area


Section	1.0–1.5 mm ² /AWG 18–16 (2–4 poles) 0.34–0.75 mm ² /AWG 22–20 (5–7 poles) 0.25–0.34 mm ² /AWG 24–22 (8–9 poles)
Cable diameter	3.0–9.0 mm

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	10 A (2–4 poles) 5 A (5–9 poles)
Rated voltage	400 V
Rated impulse voltage	2500 V AC
Creepage distance	≥ 2 mm
Clearance	≥ 2 mm
Insulation resistance	> 500 MΩ

Associated products

Counterparts
 0261  0271

Accessories
 029016

02

0251

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0251 02	2	10	50
0251 03	3	10	50
0251 04	4	10	50
0251 05	5	10	50
0251 07	7	10	50
0251 08	8	10	50
0251 09	9	10	50

Packaging:

in individual plastic bags, in a cardboard box