

02 026528

Quicklock circular connectors, IP67

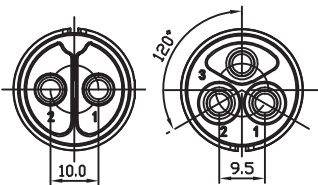
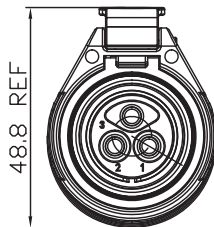
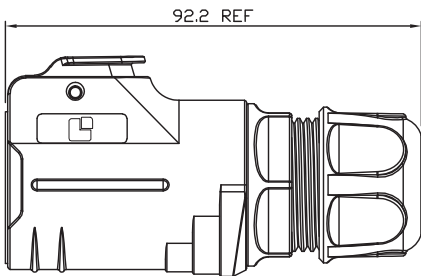
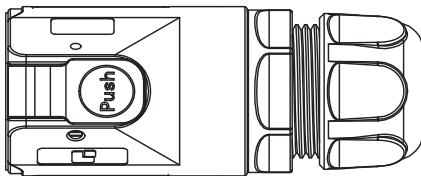


Quicklock socket with locking latch, IP67, size 28, straight version, with plastic housing and screw clamps

Approvals:



02 026528



026528 02

026528 03

Environmental conditions

Temperature range -40 °C/+80 °C

Materials

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

¹ outdoor sustainable (F1 according to UL 746C)

Mechanical data

Mating cycles	1700
Insertion force	≤ 90 N
Withdrawal force	≤ 40 N
Protection class	IP67 ¹

¹ only in locked condition with an appropriate counterpart

Connectable conductors for screw clamp

Section	2.5–16.0 mm ² /AWG 14–6
Cable diameter	4.0–11.5 mm

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	50 A (2 poles) 43 A (3 poles)
Rated voltage	500 V AC
Rated impulse voltage	≤ 2500 V
Creepage distance	≥ 2 mm
Clearance	≥ 2 mm
Insulation resistance	> 500 MΩ

Associated products

Counterparts
[024028](#) [025528](#)

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
026528 02	2	2	20
026528 03	3	2	20

Packaging:

in individual plastic bags, in a cardboard box