

02 025528

Quicklock circular connectors, IP67



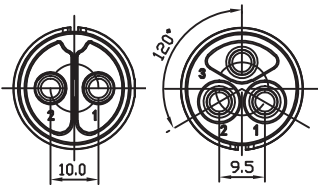
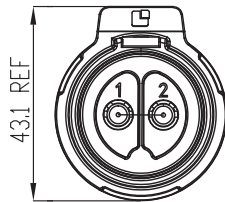
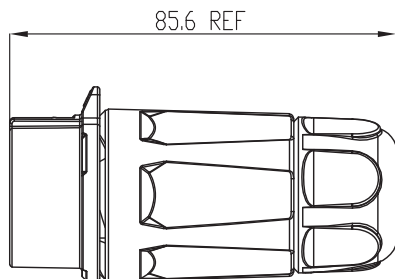
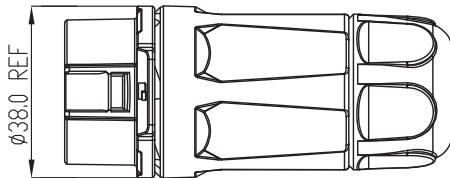
Quicklock plug, IP67, size 28, straight version, with plastic housing and screw clamps

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Approvals:  02/03 poles

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025528 02

025528 03

#### 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<sup>1</sup>  
 Guiding element Zn alloy, chrome-plated  
 Cap nut PBT, V-0 according to UL94<sup>1</sup>

<sup>1</sup> outdoor sustainable (F1 according to UL 746C)

#### Mechanical data

Protection class IP67<sup>1</sup>

<sup>1</sup> only in locked condition with an appropriate counterpart

#### Connectable conductors for screw clamp

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

#### Electrical data (at T<sub>amb</sub> 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  
 ☞ 026528

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
025528 02	2	4	20
025528 03	3	4	20

**Packaging:**

in individual plastic bags, in a cardboard box