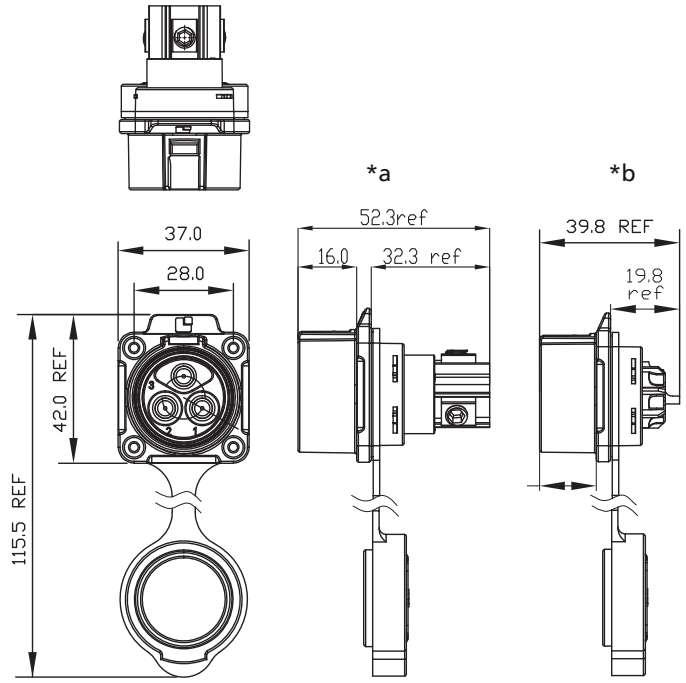
02 024028

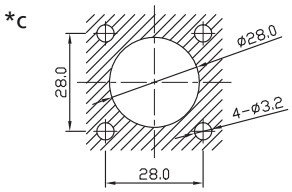
Quicklock circular connectors, IP67

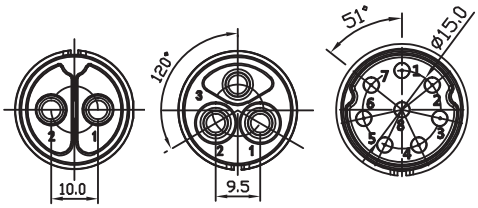
Quicklock flange chassis plug, IP67, size 28, straight version, with metal housing, screw clamps (8-pole version with solder terminals) and protecting cap (IP65)

Approvals: 02/03 poles

# 02 024028




024028 02 024028 03 024028 08

*a 2 and 3 pole versions with screw clamps
*b 8 pole version with solder contacts
*c port

## Environmental conditions

| | |
|---|---|
| Temperature range | -40 °C/+80 °C |

## Materials

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

## Mechanical data

| | |
|---|---|
| Protection class | IP67 (protecting cap IP65) [1] |

[1] only in locked condition with an appropriate counterpart

## Connectable conductors for screw clamp

| | |
|---|---|
| Section | 2.5–16.0 mm²/AWG 14–6 (2–3 poles) |

## Connectable conductors for solder area

| | |
|---|---|
| Section | 1.5–4.0 mm²/AWG 16–12 (8 poles) |

## Electrical data (at $T_{amb}$ 20 °C)

| | |
|---|---|
| Contact resistance | ≤ 5 mΩ |
| Rated current | 50 A (2 poles)<br>43 A (3 poles)<br>17 A (8 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

# 02 024028

| Designation | Pole Number | PU (Pieces) | MDQ (Pieces) |
|---|---|---|---|
| 024028 02 | 2 | 4 | 20 |
| 024028 03 | 3 | 4 | 20 |
| 024028 08 | 8 | 4 | 20 |

**Packaging:**
in individual plastic bags, in a cardboard box