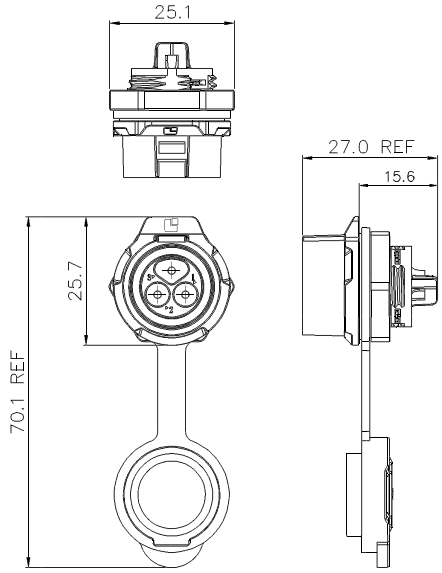
02 024016

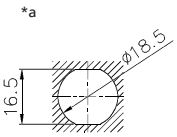
Quicklock circular connectors, IP67

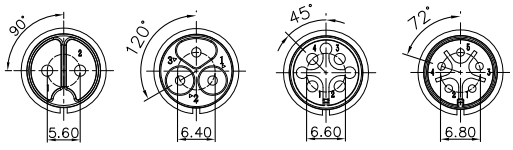


Quicklock chassis plug, IP67, size 16, straight version, with plastic housing, solder terminals and protecting cap (IP65)

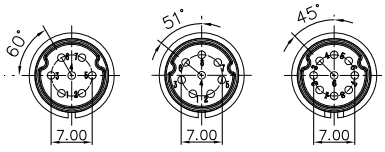
02 024016







024016 02 | 024016 03 | 024016 04 | 024016 05



024016 07 | 024016 08 | 024016 09

*a port

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 F1 according to UL 746C, outdoor suitability (UV-light, immersion)
Cap	SI
Hexagonal nut	PBT, V-0 according to UL94

Mechanical data

Protection class	IP67 (protecting cap IP65) [1]

[1] only in locked condition with an appropriate counterpart

Connectable conductors for solder area

Section	1.0–1.5 mm²/AWG 18–16 (2–4 poles) 0.34–0.75 mm²/AWG 22–20 (5–7 poles) 0.25–0.34 mm²/AWG 24–22 (8–9 poles)

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
↗ 026516

02 024016

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
024016 02	2	10	50
024016 03	3	10	50
024016 04	4	10	50
024016 05	5	10	50
024016 07	7	10	50
024016 08	8	10	50
024016 09	9	10	50

Packaging:
in individual plastic bags, in a cardboard box