

02 2840 ... T20C... A

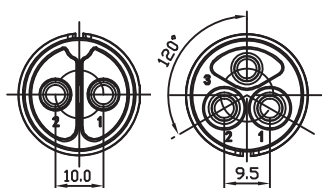
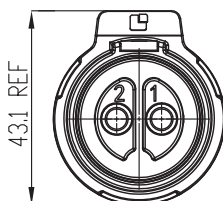
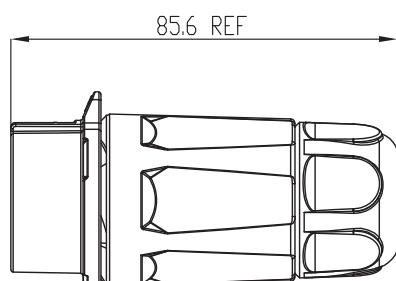
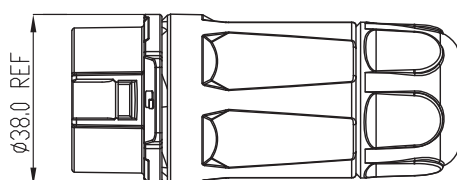
Field-attachable Connectors Quicklock



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

Approvals:  

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2840 02
T20CR A

2840 03
T20CR A

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 UL94¹
Guiding element Zn alloy, chrome-plated
Cap nut PBT, V-0 according to UL94¹

¹ outdoor sustainable (F1 according to UL 746C)

Mechanical data

Mating cycles 1700
Insertion force ≤ 90 N
Withdrawal force ≤ 40 N
Protection class IP67¹

¹ only in locked condition with an appropriate counterpart

Connectable conductors for screw clamp

Section 2.5–16.0 mm²/AWG 14–6
Cable diameter 17.0–20.5 mm (state of delivery)
10.0–15.0 mm (with accessory 9928 SL15)

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
☞ 2850 ... T20C... T

Accessories
☞ 9928 CPMF1 ☞ 9928 SL15 ☞ 9928 SL20,5

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2840 02 T20CR A	2	2	20
2840 03 T20CR A	3	2	20

Packaging:

in individual plastic bags, in a cardboard box