


02

2840 ... T20C... A

Field-attachable Connectors Quicklock

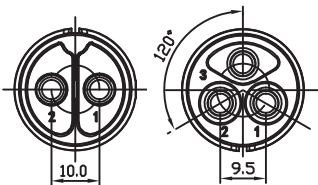
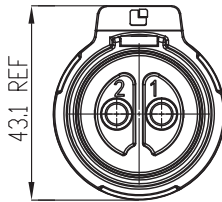
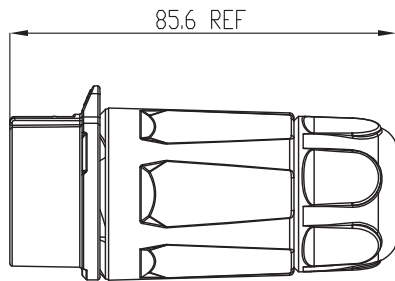
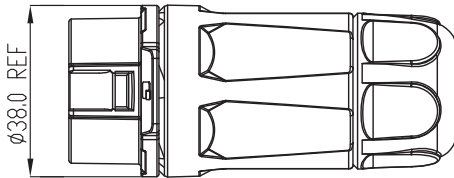


Quicklock socket, IP67, size 28, straight version, with plastic housing and screw clamps

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 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