


02

2640 ... T12CB A

Field-attachable Connectors Quicklock

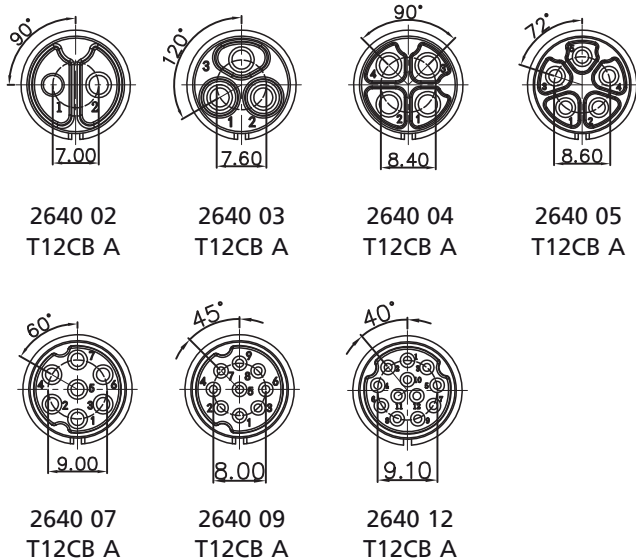
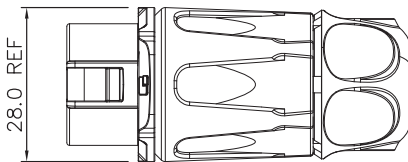
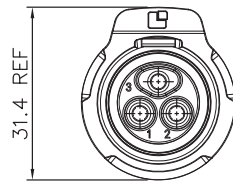
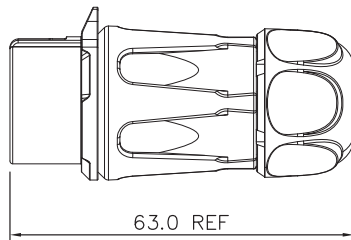


Quicklock socket, IP67, size 20, straight version, with plastic housing and solder terminals

Approvals: 

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Environmental conditions

Temperature range -40 °C/+80 °C

Materials

Insulating body PBT, V-0 according to UL94
 Contact bush CuSn, gold-plated
 Housing PBT, V-0 according to UL94¹
 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 solder area

Section 2.5–4.0 mm²/AWG 14–12 (2–4 poles)
 1.0–1.5 mm²/AWG 18–16 (5–7 poles)
 0.34–0.75 mm²/AWG 22–20 (9–12 poles)
 Cable diameter 8.5–10.5 mm (state of delivery 2–4, 12 poles)
 10.0–12.0 mm (state of delivery 5–7 poles)
 5.0–6.5 mm (state of delivery 9 poles)
 5.0–6.5 mm (with accessory 9926 SL6,5)
 8.5–10.5 mm (with accessory 9926 SL10,5)
 10.0–12.0 mm (with accessory 9926 SL12)

Electrical data (at T_{amb} 20 °C)

Contact resistance ≤ 1.0 mΩ (2–4 poles)
 ≤ 2.5 mΩ (5–7 poles)
 ≤ 5.0 mΩ (9–12 poles)
 Rated current 20 A (2–4 poles)
 12 A (5–7 poles)
 5 A (9–12 poles)
 Rated voltage 500 V (2–7 poles)
 250 V (9–12 poles)
 Rated impulse voltage 2500 V AC (2–7 poles)
 1500 V AC (9–12 poles)
 Creepage distance ≥ 2 mm
 Clearance ≥ 2 mm
 Insulation resistance > 500 MΩ

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Associated products

Counterparts

[↗ 2650 ... T12CB T](#)

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2640 02 T12CB A	2	10	40
2640 03 T12CB A	3	10	40
2640 04 T12CB A	4	10	40
2640 05 T12CB A	5	10	40
2640 07 T12CB A	7	10	40
2640 09 T12CB A	9	10	40
2640 12 T12CB A	12	10	40

Packaging:

in individual plastic bags, in a cardboard box