

02 2640 ... T12CB A

Field-attachable Connectors Quicklock

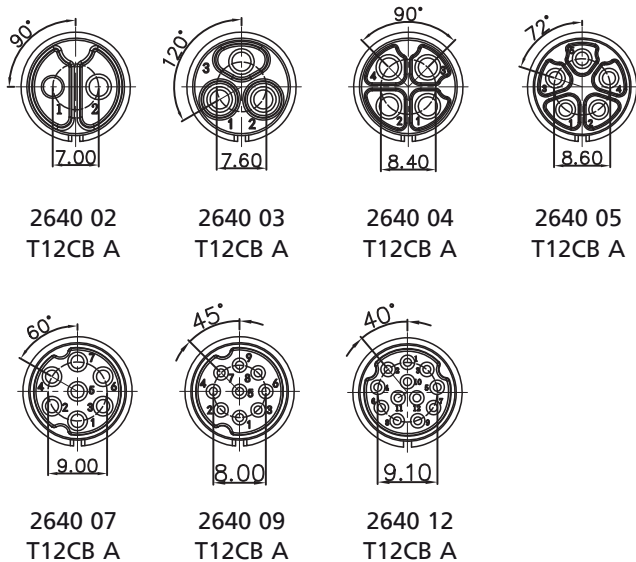
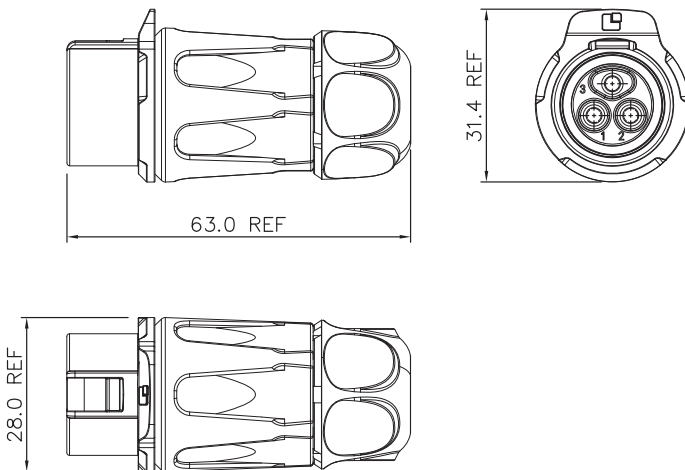


Quicklock socket, IP67, size 20, straight version, with plastic housing and solder terminals

Approvals:  

02 2640 ... T12CB A

2640_t12cb_a_tz01.pdf



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

02

2640 ... T12CB A

Associated products

Counterparts

↗ 2650 ... T12CB T

Accessories

↗ 9926 SL10,5

↗ 9926 SL12

↗ 9926 SL6,5

02 2640 ... T12CB A

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