

02

2640 ... T12CB T

Field-attachable Connectors Quicklock

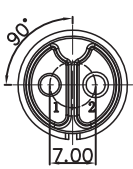
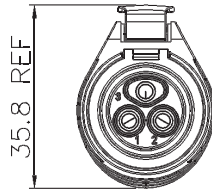
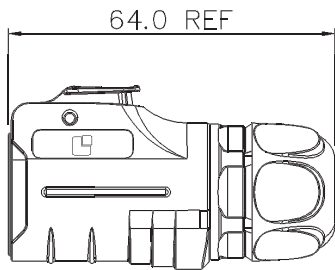
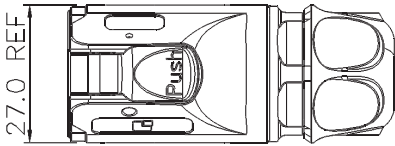


Quicklock socket with locking latch, IP67, size 20, straight version, with plastic housing and solder terminals

Approvals:  

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2640 02
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2640 03
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2640 04
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2640 05
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2640 07
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2640 09
T12CB T



2640 12
T12CB T

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
 Locking 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 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 10.0–12.0 mm (state of delivery 2–7 poles)
 5.0–6.5 mm (state of delivery 9–12 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

Important note The connector must not be connected or disconnected under load.

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Associated products

Counterparts

[↗ 2630 ... T22CB100](#)

Accessories

[↗ 9926 CPMF0](#)

[↗ 9926 SL10,5](#)

[↗ 9926 SL12](#)

[↗ 9926 SL6,5](#)

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

Packaging:

in individual plastic bags, in a cardboard box