



PTR HARTMANN

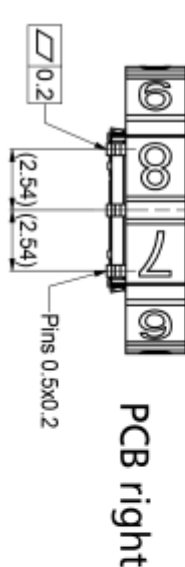
A Phoenix Mecano Company

DH2 01

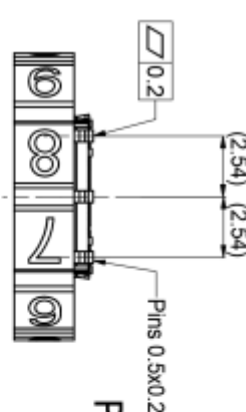
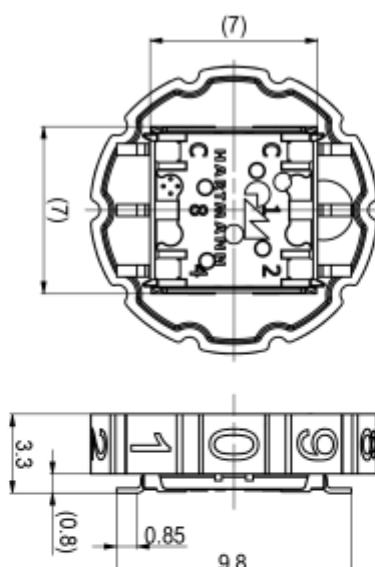


- Thumb wheel switch for slim DIN-rail housings
- For right and left hand side PCBs
- Diameter 12.0 mm
- Width 3.3 mm
- SMT-pinning
- Lateral C-contact
- More versions on request

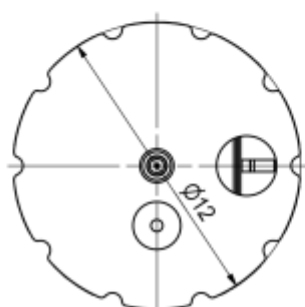
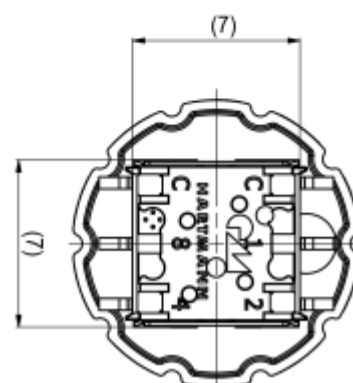
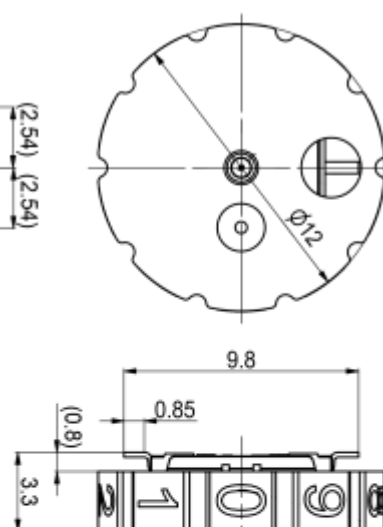
Reflow solderable thumb wheel switch for mounting in slim housings. It is especially designed for addressing in BUS- and wireless-applications. The thumb wheel is permanently connected to the rotary code switch and it makes adjustments and legibility of the rotary code switch very easy.



PCB right



PCB left



Mechanical Data	Electrical Data
Fixation mode	SMT
Diameter without operating crown	12.0 mm
Width	3.3 mm
Pin connection	3+3 lateral C-contact
Torque	initial min. 0.7 Ncm
Mechanical lifetime	2.500 steps
Positions per rotation	10
Perm. ambient temperature	-50 °C ... +125 °C
Perm. storage temperature	-55 °C ... +135 °C
Humidity	21 days at 40 °C, 93 %RH
Reflow soldering	JDEC J-STD-020 E
Packing	Tape on Reel

Mechanical Data	Electrical Data
Operating voltage	$\leq 42.0 \text{ V}$
Standby current	$\leq 0.4 \text{ A}$
Contact load, dynamic	$\leq 0.1 \text{ A}$
Minimum load	1.0 μA 20.0 mVDC
Test voltage	250.0 V 50 Hz / 1.0 min
Contact resistance	$< 80.0 \text{ m}\Omega$
Insulation resistance	$> 100.0 \text{ M}\Omega$