



PTR HARTMANN

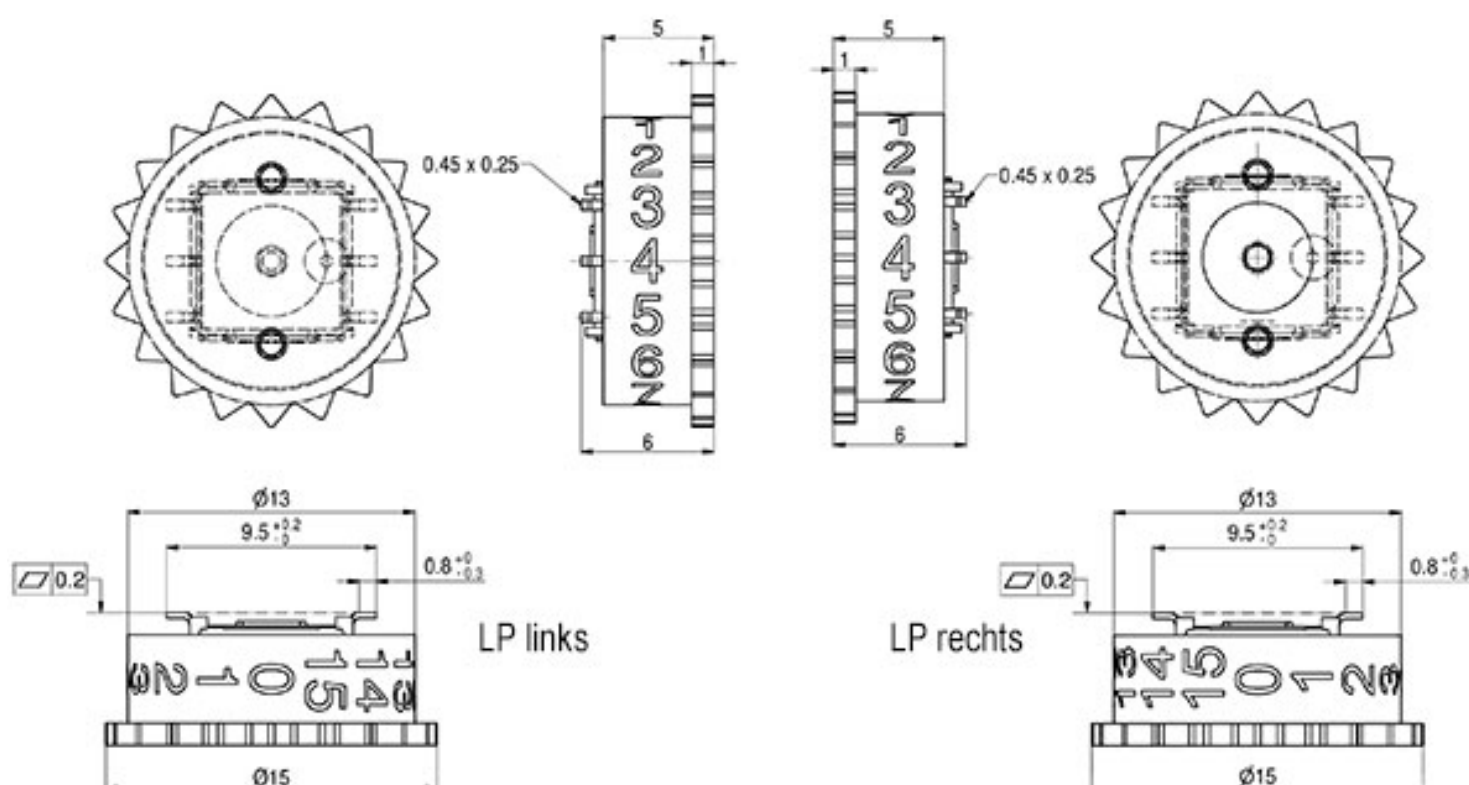
A Phoenix Mecano Company

DH1 03



- Thumb wheel switch for slim DIN-rail housings
- For right and left hand side PCBs
- Width 6.0 mm
- Diameter 15.0 mm
- SMT- or J-Hook-pinning
- Central 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 in slim DIN-rail housings. The thumb wheel is permanently connected to the rotary code switch and it makes adjustments and legibility of the rotary code switch very easy.



Mechanical Data

Electrical Data

Fixation mode	SMT
Width	6.0 mm
Diameter with operating crown	15.0 mm
Pin connection	3+3
Torque	1.2 ± 0.2 Ncm
Positions per rotation	16
Mechanical lifetime	25.000 steps
Perm. ambient temperature	-50 °C ... +125 °C
Perm. storage temperature	-55 °C ... +135 °C
Degree of protection	comparable IP67
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	≤ 42.0 V
Standby current	≤ 0.4 A
Contact load, dynamic	≤ 0.1 A
Minimum load	1.0 µA 20.0 mVDC
Test voltage	250.0 V 50 Hz / 1.0 min
Contact resistance	< 80.0 mΩ
Insulation resistance	> 100.0 MΩ