

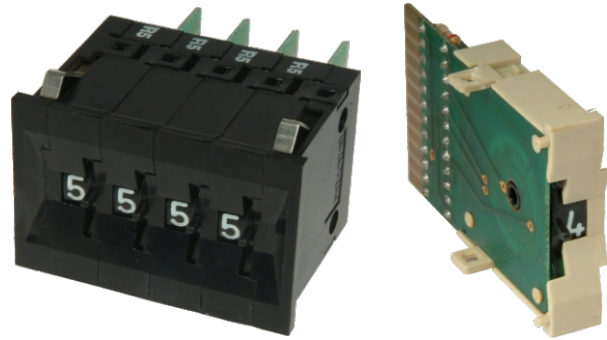
Series SL-82

DESCRIPTION

Integral Type SL-82 Series Thumb Wheel Switches are slim compact switches of high quality used in a wide variety of applications in Instrumentation, Machine Controls, Process Controls, etc. The switches are fixed from front of the panel, and are snap-mounted without the aid of screws. Snap-up design between sections also eliminates screws for fixing the sections together and virtually unlimited number of sections can be latched together. The switches are available with an extensive range of output codes, and have large sized digits hot-stamped for good visibility.

Modules like Dummy, Projected Dummy are available for separating various sections functionally if needed. The above design makes it possible to alter an assembly consisting of sections by the customer at the site itself.

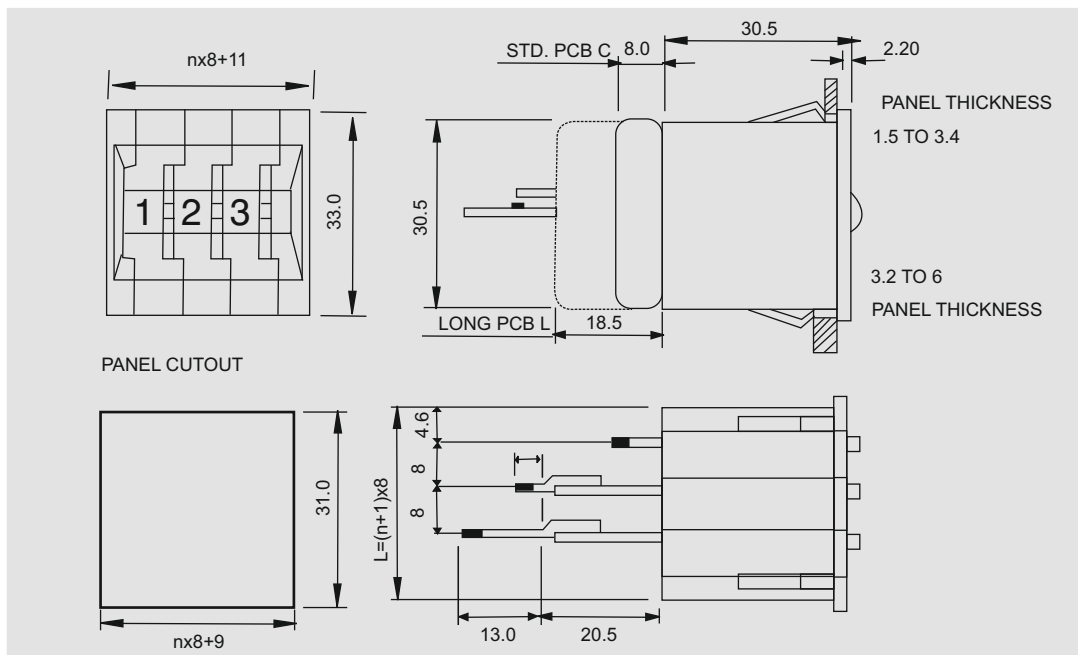
The switches can be ordered either as complete assemblies or individual modules with sides separately.



FEATURES

- Slim-Line (only 8 mm wide) sections.
- Snap-in front mounting clicks into the panel cut-out.
- Field or Factory assembled without any hardware.
- Factory set wheel stops.
- Dummy Modules to separate switch functions.
- Large Hot Stamped characters for permanence and visibility.
- Black and Grey Body and coloured wheels (consult factory)
- Wide range of output codes.
- Wide range of PCB terminations including wire-wrap Pins.

DIMENSIONAL DETAILS



All Dimensions in mm.

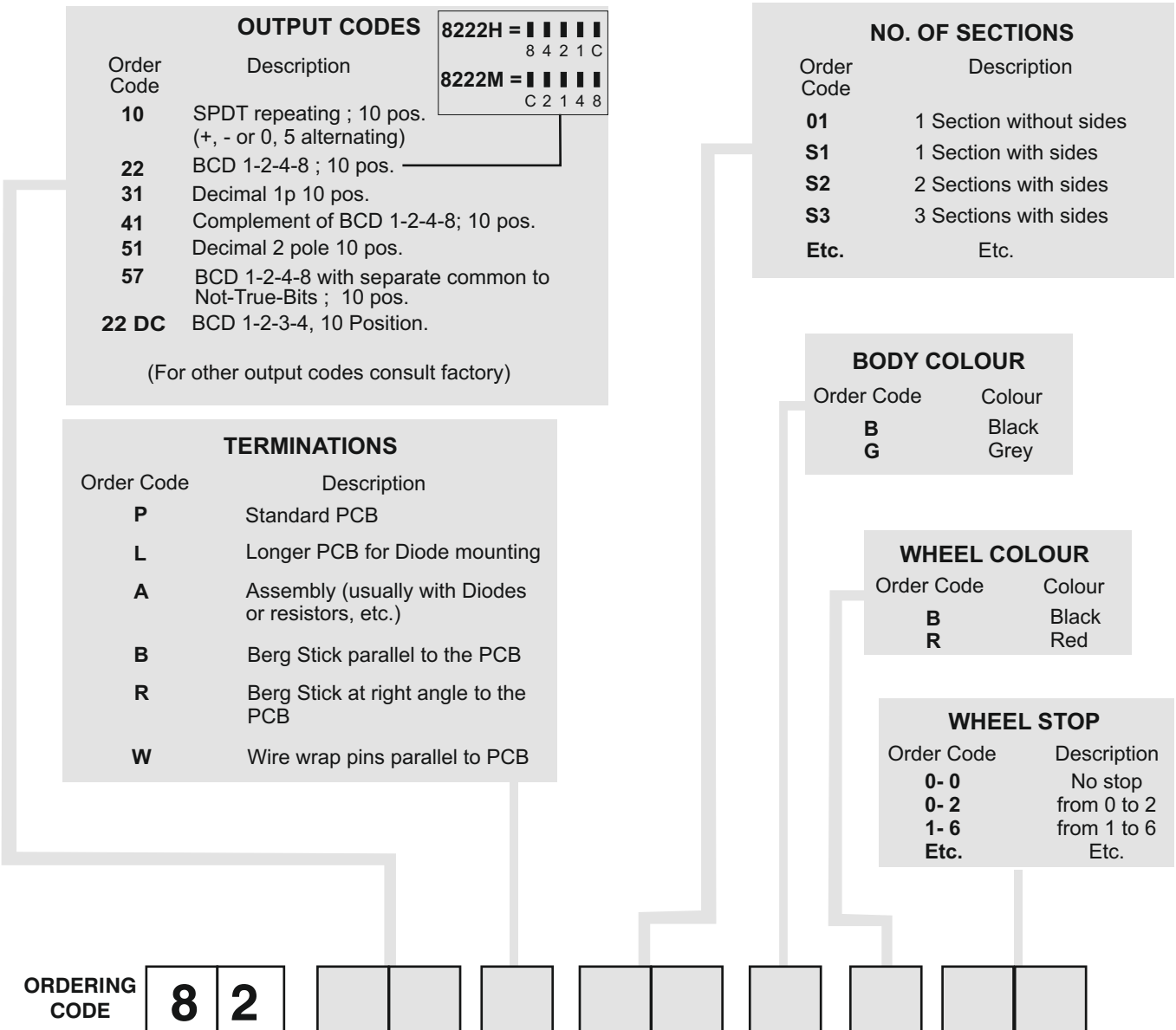
SPECIFICATIONS

CONTACT RATING	: Switching 125 mA max. Carrying : 1 Amp continuous
OPERATING VOLTAGE	: 50 mV to 28 V DC or 120V AC.
CONTACT RESISTANCE	: Less than 150 milli ohms Initial @ 2-6 V DC, 100 mA.
INSULATION RESISTANCE	: 1000 Megohms min.
DIELECTRIC STRENGTH	: 750 V RMS min @ sea level
ELECTRICAL LIFE	: 100,000 detent operations
OPERATING TEMP	: -25°C to +70°C
NO. OF POSITIONS	: 10 (stops available)

MATERIALS & FINISHES

BODY, WHEEL AND CAM	: Engineering Thermoplastics (Polycarbonate/ABS/Poly acetal)
WIPER CONTACT	: Hard Gold over Nickel on Copper Alloy
STATOR CONTACT	: Hard Gold over Nickel over Copper on Glass Epoxy laminate to Nema Fr4.
HARDWARE	: Steel, Zinc plated
SIZE OF CHARACTER ON THE WHEEL	: 10 positions - 5 mm (Consult factory for non-standard printing).

ORDERING INFORMATION : Given below are the variations possible and the method of selecting them. In case only the Output Code (say 22) is specified the standard shall be (8222) a BCD code switch with a Black body, Black wheel without any stop, standard PCB with sides attached. Consult factory for any other variation not given below. . If sides are ordered separately, the order code is 8200 to represent 1 pair of sides.



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