SCHREMPP
electronic

Control and signaling devices
Series uHMI-xTxx-xLxx

Flat
design

Completely
casted

Switching
capacity 0.4A
each

Solid
aluminium
housing

Control and signaling devices
Serie uHMI-xTxx-xLxx

The **uHMI-xTxx-xLxx** series are compact operating and signaling devices for control-ling machines and systems in industrial environments. Power contactors can be operated with the integrated semiconductor power drivers without coupling relays. The buttons can be configured as switches or with a momentary function. They are debounced internally and have a minimum switch-on time of 200 ms.

The switching elements are constructed from proven electromechanical components and provide good tactile feedback. Keypad embossing ensures reliable finger guidance.
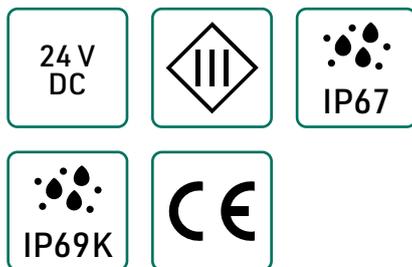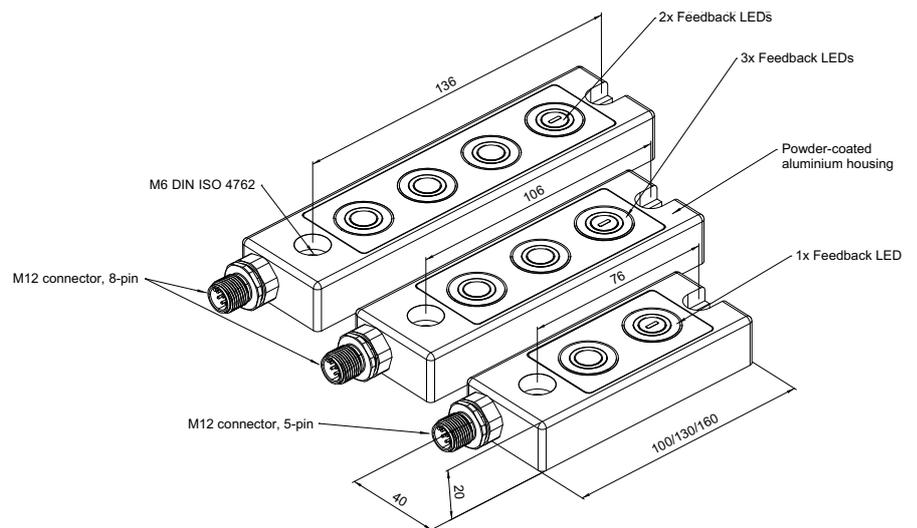
Integrated white feedback LEDs can be controlled separately via M12 connector.

With a robust powder-coated aluminum housing and the polyester front foil used, it also has a very high chemical resistance (DIN 42 115). The devices achieve a high degree of protection with the encapsulated electronics.

Customized front foils can be offered on request.

TECHNICAL DATA

- Operating voltage 12–30 V DC
- Connection with M12 connector plug
- Customized front foils possible
- Configurable with switch / button functions
- Compact, robust, and stable aluminum housing
- Insensitive to shocks or vibrations
- Fastening via 2x cylinder screws, hexa-gonal socket M6/DIN ISO 4762
- Integrated feedback LEDs
- Operating temperature max. 50° C
- Integrated overcurrent protection
- Integrated reverse polarity protection
- Outputs 0,4 A / short-circuit proof
- Protection class IP 67 / IP 69 K
- DIN EN 60947-5-1

24 V DC | III | IP67 | IP69K | CE

Type	Functions (S= Switch function, B = Button function)	Dimensions L x B x H (mm)	Connection system	Part no.
uHMI 2TSS-1LW	2 Switches, 1 Feedback LED white	100 x 40 x 20	M12 connector, 5-pin	11948
uHMI 2TBS-1LW	1 Switch, 1 Button, 1 Feedback LED white	100 x 40 x 20	M12 connector, 5-pin	11949
uHMI 2TSB-1LW	1 Switch, 1 Button, 1 Feedback LED white	100 x 40 x 20	M12 connector, 5-pin	11950
uHMI 2TBB-1LW	2 Buttons, 1 Feedback LED white	100 x 40 x 20	M12 connector, 5-pin	11951
uHMI 3TSSS-3LW	3 Switches, 3 Feedback LEDs white	130 x 40 x 20	M12 connector, 8-pin	11952
uHMI 3TBBB-3LW	3 Buttons, 3 Feedback LEDs white	130 x 40 x 20	M12 connector, 8-pin	11953
uHMI 3TSBB-3LW	1 Switch, 2 Buttons, 3 Feedback LEDs white	130 x 40 x 20	M12 connector, 8-pin	11954
uHMI 4TSSSS-3LW	4 Switches, 2 Feedback LEDs white	160 x 40 x 20	M12 connector, 8-pin	11955
uHMI 4TBBBB-3LW	1 Switch, 3 Buttons, 2 Feedback LEDs white	160 x 40 x 20	M12 connector, 8-pin	11956
uHMI 4TSBBB-3LW	1 Switch, 3 Buttons, 2 Feedback LEDs white	160 x 40 x 20	M12 connector, 8-pin	11957

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