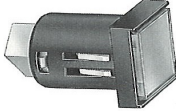

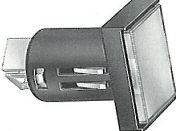
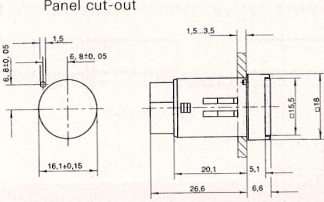
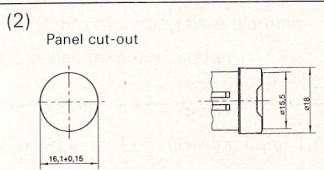
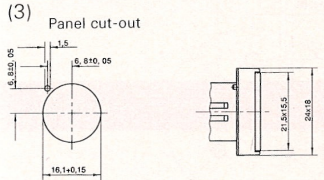
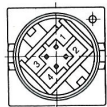


# Lumotast® FK Switches / Pushbuttons 16.2 mm mounting hole diameter

## Illum. pushbuttons, signal lamps

Illuminated momentary pushbutton	Order no.		Colour no. Lens	Single parts and accessories	
	Without lamp Without lens	Without lamp With lens			
(1) 	1.15114.906	1.15114.006 /colour no.	transparent: /1002 colour-less /1306 red /1403 yellow /1505 green /1607 blue	Lens 5.49075.015 /colour no. Legend insert 5.70638.000 /2000 For standard legends, see "Legend inserts"	For filament lamps, see No. 7.3/7.4, chapter "Lamps" For LEDs, see No. 9.05 or No. 9.1, chapter "Lamps" Connector 5.92025.368 Flat-ribbon cable, 4-wire (1 m long) 5.37700.124 Cable compl. 5.03771.306 (Flat-ribbon cable 10 cm with connector and 4-pole male quick connector AMP 7-215570-4 Tool for dismounting 5.05800.041 PCB plug-in socket 5.00645.036 (see Lumotast FK "Accessories")
(2) 	1.15114.936	1.15114.036 /colour no.		Lens 5.49075.016 /colour no. Legend insert 5.70634.000 /2000 For standard legends, see "Legend inserts"	
(3) 	1.15114.966	1.15114.066 /colour no.		Lens 5.49075.017 /colour no. Legend insert 5.70639.000 /2000 For standard legends, see "Legend inserts"	

(1) 	<p><b>Mechanical design</b></p> <p>Contact system: Snap-action contact, 1 NO</p> <p>Illumination: Bi Pin filament lamp T1/T1¼, or LED</p> <p>Fixing: "Click" quick-assembly feature</p> <p>Housing: PA, black</p> <p>Base: PBTB</p> <p>Button cap: PA</p> <p>Contact material: Au</p> <p>Terminals: Tin-plated, for 4-pin connector (IDC) or plug-in socket</p>	<p><b>Electrical characteristics</b></p> <p>Rated voltage: 0.02 ... 42 V AC/DC</p> <p>Rated current: 0.01 ... 100 mA</p> <p>Contact resistance: <math>\leq 100 \text{ m}\Omega</math> when new <math>\leq 300 \text{ m}\Omega</math> after operating life</p> <p>Bouncing time: &lt; 5 ms</p> <p>Operating life: 10<sup>6</sup> operations</p> <p><b>Other specifications</b></p> <p>Degree of protection: IP 65</p> <p>Weight: approx. 6 g</p> <p>Operating temp.: - without lamp: - 25 °C ... + 70 °C - with lamp: - 25 °C ... + 55 °C</p> <p>Storage temp.: - 40 °C ... + 80 °C</p> <p>Environment conditions: - Constant environment: acc. to IEC 68-2-3 and 2-30 - Variable environment: acc. to IEC 68-2-14 and 2-33</p>
(2) 	<p><b>Mechanical characteristics</b></p> <p>Operating force: 6 N max.</p> <p>Full travel: 3 mm</p> <p>Switching travel: 1.9 mm</p> <p>Robustness of actuator: &gt; 100 N</p>	<p><b>If LED is used</b></p> <p>After the removing of the actuator body, a notch at the LED socket can be seen, which marks the cathode side (-).</p>
(3) 	<p>Pushbutton connection diagram (view: bottom of component)</p>  <p>1 + 4 Pushbutton connection 2 + 3 Lamp connection (for LED: terminal 3 = cathode)</p>	