1.15.108.176/0000



LUMOTAST 75 IP65, illuminated pushbutton, rectangular collar, flat bezel, latching, 1 NC + 1 NO



fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Signalling systems

special features

- > Water jet protection class IP 65 on front
- > Mounting hole diameter 16.2 mm
- > 3 collar shapes also rectangular
- > Lamp socket: T4.5: full-surface illumination with LED is possible
- > Silver contacts with self-cleaning snapaction contact bridge for safe switching, suitable for large currents (max. 250 V / 4
- > Contact configurations: 1 NC +1 NO or 2

NC + 2 NO

> Solder terminal













description

LUMOTAST 75 illuminated pushbuttons and signal lamps have been in use for decades. They are the most successful monoswitches in RAFI history. The wide range of collar shapes in classic design and the established terminal and legending concept make the LUMOTAST 75 series one of your most reliable components. The pushbuttons and signal lamps are available in IP 65 protection class according to DIN. They come with a 2.5 mm higher collar than the variant with IP 40, due to the additional seal.

technical data

> general

illuminated Yes Collar color black Collar shape rectangular Operating temperature, min. -25 °C 55 °C Operating temperature, max. -40 °C Storage temperature, min. 80 °C Storage temperature, max. T4.5 Lamp socket Protection class Ш Packaging Box Packaging unit 5 pcs.

IEC 60068-2-14 Environment resistance IEC 60068-2-30

IEC 60068-2-33 IEC 60068-2-78

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as

described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

date: Aug 25, 2019 page: 1/3

direct links

> RAFI eCatalog

1.15.108.176/0000



Operating life 50,000 Cycles

IP65

Degree of protection, front side,

according to DIN EN 60529

RoHS compliant Yes
REACH compliant Yes

> mounting diameters

Mounting hole 16.2 mm

Mounting depth 57.5 mm

Installation height 10.5 mm

Outside dimension, length 25 mm

Outside dimension, width 19 mm

> mechanical data

Actuation function latching
Operating force, max. 6.5 N
Operating force, min. 3 N
Operating travel, max. 2.5 mm
Contact function 1 NC + 1 NO

Contact system Bridge-snap-action contact

Contact material Silver

Fixing Threaded ring
Terminal on the rear Solder terminal

Lötbarkeit Yes

> electrical data

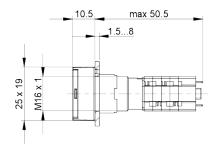
Rated voltage, min. 12 V
Rated voltage, max. 230 V
Rated current, min. 0.05 A
Rated current, max. 4 A

1.15.108.176/0000



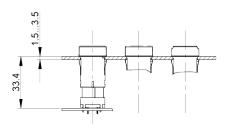
drawings

Dimensioned drawing

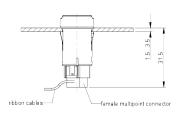


System drawing

Installation drawing with plug-in socket

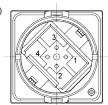


System drawing



Connection drawing

Wiring diagram (view of component buttom)



1 + 4 = Push-buttonconnection, 2 + 3 = Lightconnection when used LED: Connection 3 = Cathode