



NDT2KHTRT

- **NOTICE: Not available!**
- NC/NO contact combination
- Despite the similarity with pushbutton NDT, this is a different device design with restricted lift.

Data

Ordering data

Note (Delivery capacity)	Not available!
eCl@ss number, Version 9.0	27-37-12-28
eCl@ss number, Version 11.0	27-37-12-28
ETIM number, version 6.0	EC001028

General data

Standards	EN 60947-5-1 IEC/EN 60947-1
Versions	Keyboard switch element, manufacturer RAFI type RF 19 Short-travel key - Front plate mounting
Design	Round
Installation conditions (mechanical)	arbitrarily
Sealing type	Membrane Lip gaskets Form seals
Material of the front ring	ABS, chrome-plated
Material of the bellows	Silicone

Colour of the operating element	Red
Colour of the front ring	Silver
Colour of the bellows	White
Gross weight	45 g

General data - Features

Mounting flange	Yes
Probing possible	Yes
Fully insulated	Yes
Number of openers	1
Number of shutters	1

Mechanical data

Unlocking	without
Mechanical life, minimum	1,000,000 Operations
Actuating stroke	2 mm
Actuating force	15 N
Tightening torque of the screw	0.6 Nm

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	0.14 mm ² , rigid 0.14 mm ² , flexible
Cable section, maximum	1.5 mm ² , rigid 1 mm ² , flexible

Mechanical data - Dimensions

Height	11 mm
Mounting depth	39 mm

Diameter of touch surface	27 mm
Diameter of the front ring	44.5 mm
Diameter hole	22.3 mm
Diameter hole, with tolerance indication	22.3 + 0.4 mm
Thickness, of the front panel, minimum	1.5 mm
Thickness of the front panel, maximum	6 mm
Spacing	50 x 50 mm

Ambient conditions

Degree of protection	IP67 IP69K
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C

Electrical data

Switching voltage, maximum	50 VAC
Switching voltage, minimum	3 VDC
Switching current, minimum	0 A
Switching current, maximum	0.26 A
Switching capacity, maximum	12.5 W
Switching element	NO contact, NC contact
Bounce duration, maximum	5 ms

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

Generated on: 11/9/2021, 12:48 PM