DATASHEET



EX-T. 454-22Z-H

- Ex-Zone 1 and 21
- Cast iron enclosure, 2K paint
- Exterior parts made of stainless steel
- 2 switching angles (prewarning, deactivation)

Data

Ordering data

Product type description	EX-T. 454-22Z-H
Article number (order number)	103025518
EAN (European Article Number)	4030661514147
eCl@ss number, version 12.0	27-27-06-01
eCl@ss number, version 11.0	27-27-06-01
eCl@ss number, version 9.0	27-27-06-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	TÜV ATEX IEC Ex INMETRO

Explosion protection

Explosion protection: regulations	EN IEC 60079-0 EN 60079-11 EN 60079-31

Explosion protection zones	1 21
Explosion protection category	2G 2D
Explosion protection designation	II 2D Ex tb IIIC T80°C Db II 2G Ex ib IIC Gb

General data

Gross weight	1,580 g

Mechanical data

Mechanical life, minimum	1,000,000 Operations

Mechanical data - Connection technique

Cable section, minimum	0.25 mm²
Cable section, maximum	2.5 mm²

Ambient conditions - Insulation values

Rated insulation voltage U_i	400 V
Rated impulse withstand voltage U_{imp}	6 kV

Electrical data

Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	1 A
Switching principle	Slow action

Ordering code

Product type description:
EX-T. 454-(1)Z-(2)(3)(4)

(1)

11	1 NO contacts/1 NC contact
02	2 NC contact
20	2 NO contacts
22	2 NO contacts/2 NC contact
13	1 NO contacts/3 NC contact
31	3 NO contacts/1 NC contact
04	4 NC contact

(2)

without	Without staggered contacts, standard for 11, 02, 20
H	With staggered contacts for 22, 13, 31, 04

(3)

without	Included in standard version
DN	With integrated Dupline® input module (only Zone 21 and 22)

(4)

without	Smooth shaft (Standard)
1801	Toothed shaft (10° increments)

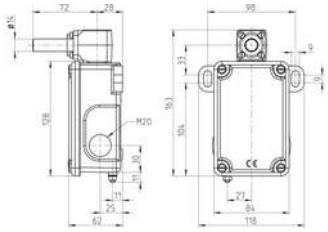
Pictures

Product picture (catalogue individual photo)



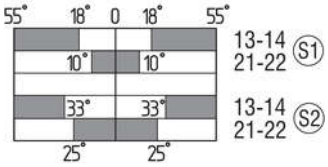
ID: kt454f04
| 62.2 kB | .png | 73.731 x 107.597 mm - 209 x 305 px - 72 dpi
| 865.3 kB | .jpg | 352.778 x 513.644 mm - 1000 x 1456 px - 72 dpi
| 47.0 kB | .jpg | 84.667 x 123.472 mm - 240 x 350 px - 72 dpi

Dimensional drawing basic component



ID: kext4g01
| 129.8 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 px - 72 dpi
| 18.0 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi

Switch travel diagram



ID: kext4s01
| 2.8 kB | .png | 74.083 x 38.453 mm - 210 x 109 px - 72 dpi
| 93.2 kB | .jpg | 352.778 x 183.444 mm - 1000 x 520 px - 72 dpi

Schmersal India Pvt. Ltd., Plot No - G-7/1, Ranjangaon MIDC, Tal. - Shirur, Dist.- Pune 412 220
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.
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