

Datasheet - T. 454-22Z-H

Belt alignment switch / T. 454 Belt alignment switch



- Cast iron enclosure, 2K paint
- Exterior parts made of stainless steel
- 2 switching angles (prewarning, deactivation)
- 2 cable entries M20

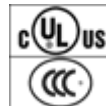
(Minor differences between the printed image and the original product may exist!)

Ordering details


| | |
|--------------------------|--------------|
| Product type description | T. 454-22Z-H |
| Article number | 103013113 |
| EAN Code | |
| eCl@ss | 27-27-06-01 |

Approval

Approval



Global Properties

| | |
|--|----------------------------|
| Permanent light | 454 Bandschieflaufscharter |
| Standards | EN 60947-5-1 |
| Compliance with the Directives (Y/N)  | Yes |
| Suitable for safety functions (Y/N) | No |
| Standard housing (Y/N) | No |
| Materials | |
| - Material of the housings | cast iron |
| - Material of the contacts | Silver |
| Housing coating | 2K paint |
| Weight | 1760 |

Mechanical data

| | |
|---------------------------------|---|
| Design of electrical connection | Screw connection |
| Cable section | |
| - Min. Cable section | 0,75 |
| - Max. Cable section | 2.5 |
| Active principle | mechanical |
| Mechanical life | 1.000.000 operations |
| Actuation direction | each time 55° right-hand side and left-hand side rotation |

Ambient conditions

| | |
|----------------------------------|----------------------------|
| Ambient temperature | |
| - Min. environmental temperature | -40 |
| - Max. environmental temperature | +70 |
| Protection class | IP66, IP67 to IEC/EN 60529 |

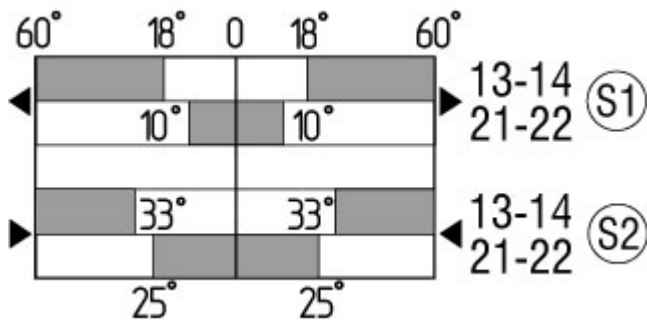
Electrical data

| | |
|---------------------------------|---|
| Design of control element | Normally open contact (NO), Opener (NC) |
| Switching principle | Creep circuit element |
| Number of shutters | 2 |
| Number of openers | 2 |
| Rated impulse withstand voltage | 6 |
| Rated insulation voltage | 500 |
| Thermal test current | 10 A |
| Utilisation category | AC-15: 230 V / 4 A DC-13: 24 V / 1 A |
| Max. fuse rating | 6 A gG D-fuse |




Dimensions

| | |
|--------------------------|-----|
| Dimensions of the sensor | |
| - Width of sensor | 118 |
| - Height of sensor | 153 |
| - Length of sensor | 64 |

Switch travel diagram



Notes Switch travel diagram

-  Contact closed
-  Contact open
-  Setting range

Ⓛ Break point

Ⓟ Positive opening sequence/- angle

VS adjustable range of NO contact

VÖ adjustable range of NC contact

N after travel

Documents

Operating instructions (de) 198 kB, 09.10.2018

Code: mrl_t454_de

Operating instructions (pl) 212 kB, 09.10.2018

Code: mrl_t454_pl

Operating instructions (it) 200 kB, 09.10.2018

Code: mrl_t454_it

Operating instructions (es) 200 kB, 09.10.2018

Code: mrl_t454_es

Operating instructions (nl) 199 kB, 09.10.2018

Code: mrl_t454_nl

Operating instructions (fr) 201 kB, 09.10.2018

Code: mrl_t454_fr

Operating instructions (pt) 199 kB, 09.10.2018

Code: mrl_t454_pt

Operating instructions (en) 197 kB, 09.10.2018

Code: mrl_t454_en

Declaration of conformity (de) 116 kB, 27.07.2016

Code: konfi_mrl_t454_de

CCC certification (cn) 2 MB, 09.04.2018

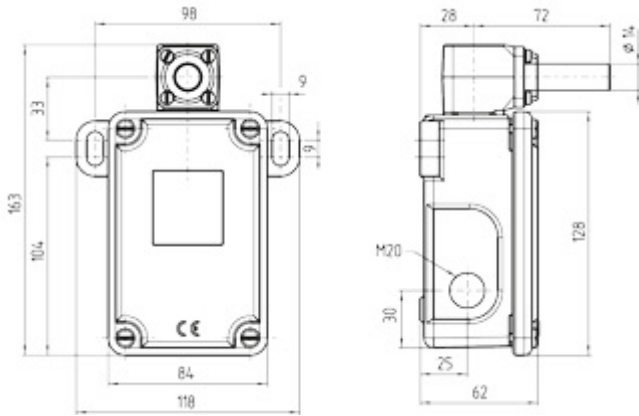
Code: z_t45p01

CCC certification (en) 2 MB, 09.04.2018

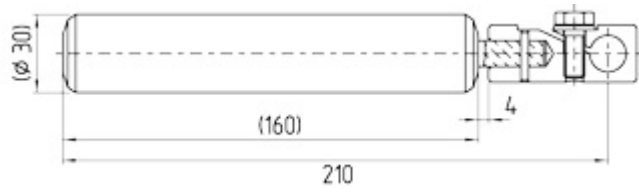
Code: z_t45p02

Images





Dimensional drawing (basic component)



Dimensional drawing (actuator)

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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