

TL 470-33Y

- **6 Contacts**
- **Metal enclosure**
- **4 cable entries M 20 x 1.5**
- **Lever can be transposed by 180°**
- **130 mm x 194 mm x 64 mm (basic component)**
- **Continuous adjustment of lever position 360°**
- **Actuator head can be repositioned in steps 4 x 90°**
- **In temperature-resistant version, the roller can be mounted in two different positions on the shaft**

Data

Ordering data	
	TL 470-33Y
	101059466
EAN (European Article Number)	4030661036076
eCl@ss number, Version 9.0	27-27-06-01
Approval - Standards	
	DNV.GL EAC
General data	
Product name	470 roller lever L
	EN 60947-5-1
Active principle	mechanical
Slide form	Castor
Enclosure material	Grey cast iron, galvanised
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Roller material	Plastic
Gross weight	3,035 g

General data - Features	
Number of openers	3
Number of shutters	3
Mechanical data	
Actuating element	Roller lever
Mechanical life, minimum	10,000,000 Operations
Actuating angle, from left of switch axis	30 °
Actuating angle, from right of switch axis	30 °
Contact opening	max. 2 x 6 mm
Actuating speed, minimum	1 mm/min
Actuating speed, maximum	3 m/s
Note (Actuating speed)	Actuating speed with vertical actuating angle to switch axis
Mechanical data - Connection technique	
Terminal Connector	Screw connection
	1.5 mm²
	2.5 mm²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	13 AWG
Mechanical data - Dimensions	
Height of sensor	287 mm
Length of sensor	64 mm
Width of sensor	130 mm
Width of Castor	9 mm
Diameter of Castor	36 mm
Ambient conditions	
Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C
Electrical data	
Thermal test current	16 A
Utilisation category AC-15	400 VAC
Utilisation category AC-15	4 A
Switching element	NO contact, NC contact
Note (Switching element)	with double break

Switching principle	Creep circuit element

Pictures

Photo/Product/Catalogue



ID: kt-47f01

| 61,2 kB | .png | 74.083 x 111.125 mm - 210 x 315 Pixel - 72 dpi
| 829,7 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 Pixel - 72 dpi

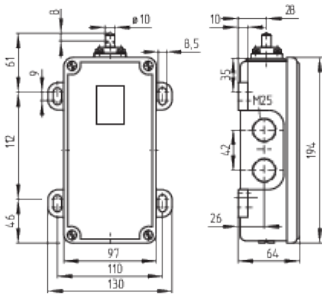
Photo/Product/Catalogue



ID: bt441f08

| 32,5 kB | .png | 74.083 x 70.203 mm - 210 x 199 Pixel - 72 dpi
| 119,1 kB | .jpg | 181.328 x 172.156 mm - 514 x 488 Pixel - 72 dpi

Dimension/Product/Basic

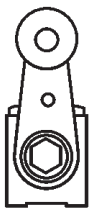


ID: 1t470g01

| 168,6 kB | .jpg | 352.778 x 322.792 mm - 1000 x 915 Pixel - 72 dpi
| 12,9 kB | .png | 74.083 x 67.733 mm - 210 x 192 Pixel - 72 dpi
| 36,5 kB | .cdr |

Illistration/Product/Function

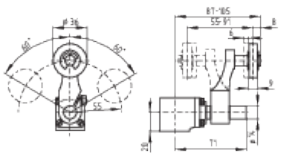




ID: 235hz05

| 15,2 kB | .cdr |
| 180,5 kB | .jpg | 352.778 x 749.3 mm - 1000 x 2124 Pixel - 72 dpi
| 3,4 kB | .png | 74.083 x 157.339 mm - 210 x 446 Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1t422b07

| 113,5 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 Pixel - 72 dpi
| 9,8 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel - 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal
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 292021-01-31T16:02:29+01:000401Europe/BerlinSun, 31 Jan 2021 16:02:29 +010029pmSunday.31pm31Europe/BerlinCET0201Europe/BerlinJanuary2021Sun, 31 Jan 2021 16:02:29 +010001pm31