

T2C 441-11Y



- 2 Contacts
- Metal enclosure
- Case-hardened lever
- Protection class IP65
- With latching end position
- 2 cable entries M 20 x 1.5
- 106 mm x 99 mm x 63 mm (basic component)
- Actuator heads can be repositioned by 4 x 90°
- Change in actuating direction by repositioning actuator head

Data

Ordering data

	T2C 441-11Y
	101059661
EAN (European Article Number)	4030661037066
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

CCC
EAC

General data

Product name	441 fork lever 2C
	EN 60947-5-1
Active principle	mechanical
Enclosure material	Grey cast iron, galvanised
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	1,365 g

General data - Features

Number of openers	1
Number of shutters	1

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC) 2,000,000 Operations

Mechanical data

Actuating element	Fork lever
Mechanical life, minimum	10,000,000 Operations
Contact opening	2 x 6 mm
Actuating speed, minimum	1 mm/min
Actuating speed, maximum	0.5 m/s
Note (Actuating speed)	Actuating speed with vertical actuating angle to switch axis

Mechanical data - Connection technique

Terminal Connector	Screw connection
	1.5 mm ²
	2.5 mm ²
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	194 mm
Length of sensor	63 mm
Width of sensor	106 mm

Ambient conditions

Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	6 kV
---------------------------------	------

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

Ordering code

Product type description:

(1)(2) 441-11Y(3)-(4)-(5)

(1)

T Slow action (not available for AF/S)

M Snap action

(2)

S Plunger S

2S Telescopic plunger 2S

R Roller plunger R

K Offset roller lever K

J Offset roller lever J

2C Fork lever 2C

L Roller lever L

D Roller lever D

MAF/S Level switch AF/S

(3)

UE Slow action with overlapping contacts

(4)

without Cast iron enclosure

A Aluminium enclosure

(5)

T temperature-resistant and tropical version with ceramic insulation for -40 °C ... +200 °C

1276-2 Gold-plated contacts

Pictures

Photo/Product/Catalogue



ID: kt441f07

| 573,8 kB | .jpg | 228.6 x 407.106 mm - 648 x 1154

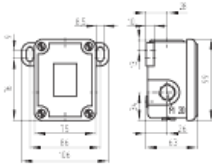
Pixel - 72 dpi

| 75,5 kB | .png | 73.731 x 131.586 mm - 209 x 373

Pixel - 72 dpi

Dimension/Product/Basic

ID: 1t441g01



| 3,9 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

| 29,6 kB | .cdr |

| 86,4 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
Pixel - 72 dpi

Diagramm/Product/Travel

ID: kt441s05

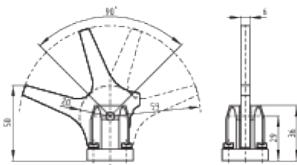


| 926,0 b | .png | 74.083 x 52.564 mm - 210 x 149
Pixel - 72 dpi

| 36,8 kB | .jpg | 352.778 x 162.278 mm - 1000 x 460
Pixel - 72 dpi

Dimension/Product/Actuator

ID: 1t422b06



| 107,8 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
Pixel - 72 dpi

| 9,7 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

Illistration/Product/Function



ID: 235hz01



| 229,3 kB | .jpg | 352.778 x 749.3 mm - 1000 x 2124
Pixel - 72 dpi

| 4,0 kB | .png | 74.083 x 157.339 mm - 210 x 446
Pixel - 72 dpi

| 15,6 kB | .cdr |

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 422021-01-31T15:47:42+01:000301Europe/BerlinSun, 31 Jan 2021 15:47:42

+010042pmSunday.31pm31Europe/BerlinCET4701Europe/BerlinJanuary2021Sun, 31 Jan 2021 15:47:42

+010001pm31