

M2C 461-22Y-M20



- Metal enclosure
- Case-hardened lever
- With latching end position
- 2 cable entries M 20 x 1.5
- 118 mm x 155 mm x 64 mm (basic component)
- Actuator heads can be repositioned by 4 x 90°
- Change in actuating direction by repositioning actuator head

Data

Ordering data

Product type description	M2C 461-22Y
Article number (order number)	101175981
EAN (European Article Number)	4030661306049
eCI@ss number, Version 9.0	27-27-06-01

Certifications

Certificates	EAC DNV GL
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General data

Product name	461 fork lever 2C
Standards	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	2050.000 g

General data - Features

Number of openers	2
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Number of shutters	2
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Mechanical data

Actuating element	Fork lever
Mechanical life, minimum	5,000,000 Operations
Contact opening	max. 2 x 2.5 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
Cable section, minimum	1.5 mm ²
Cable section, maximum	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	250 mm
Length of sensor	64 mm
Width of sensor	118 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	4 kV
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Electrical data

Thermal test current	16 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Switching element	NO contact / NC contact
Note (Switching element)	with double break
Switching principle	Snap switch element
Bounce duration, maximum	5 ms
Switchover time, maximum	35 ms

Pictures

Product picture (catalogue individual photo)



ID: bt441f07

| 132,2 kB | .jpg | 211.314 x 211.314 mm - 599 x 599
Pixel - 72 dpi

| 21,7 kB | .png | 74.083 x 74.083 mm - 210 x 210
Pixel - 72 dpi

Product picture (catalogue individual photo)

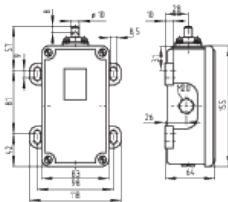


ID: kt461f01

| 76,0 kB | .png | 73.731 x 122.061 mm - 209 x 346
Pixel - 72 dpi

| 1,1 MB | .jpg | 352.778 x 582.436 mm - 1000 x 1651
Pixel - 72 dpi

Dimensional drawing basic component



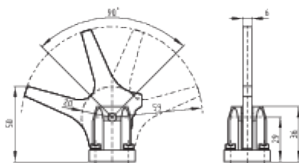
ID: 1t461g01

| 9,2 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi

| 35,2 kB | .cdr |

| 110,5 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691
Pixel - 72 dpi

Dimensional drawing actuator



ID: 1t422b06

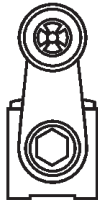
| 9,7 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

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

Operating principle



ID: 235hz01



| 15,6 kB | .cdr |

| 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

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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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