



safety position switch with separate actuator plastic, short enclosure, 3x(M20x1.5), lateral and face-end operation, slow-action contacts 1 NC pull-out force 30 N, supplied without actuator

product brand name	SIRIUS
product designation	safety position switch
product type designation	3SE22
suitability for use safety switch	Yes

General technical data

insulation voltage rated value	500 V
surge voltage resistance rated value	6 kV
protection class IP	IP67
mechanical service life (operating cycles) typical	1 000 000
thermal current	10 A
reference code according to IEC 81346-2	B
active principle	mechanical
Substance Prohibitance (Date)	07/01/2006
length of the sensor	75 mm
width of the sensor	52 mm

Ambient conditions

ambient temperature	
• during operation	-30 ... +80 °C
• during storage	-30 ... +80 °C
explosion protection category for dust	none
design of the switching contact	mechanical
operating frequency rated value	60 ... 50 Hz
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	3
operational current at AC-15	
• at 230 V rated value	4 A
operational current at DC-13	
• at 24 V rated value	4 A

Enclosure

design of the housing	wide
material of the enclosure	glass fiber reinforced thermoplast
coating of the enclosure	Other types
design of the housing according to standard	No

Drive Head

design of the actuating element	without
design of the switching function	positive opening
circuit principle	slow-action contacts
number of switching contacts safety-related	3
cable entry type	3x (M20 x 1.5)

Installation/ mounting/ dimensions

mounting position	any
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fastening method	screw fixing
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	2x (0.75 ... 2.5 mm ²)
• finely stranded with core end processing	2x (0.75 ... 2.5 mm ²)
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Certificates/ approvals	
General Product Approval	Test Certificates



[Confirmation](#)



[Miscellaneous](#)

Marine / Shipping

other



[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE2257-6XX>

Cax online generator

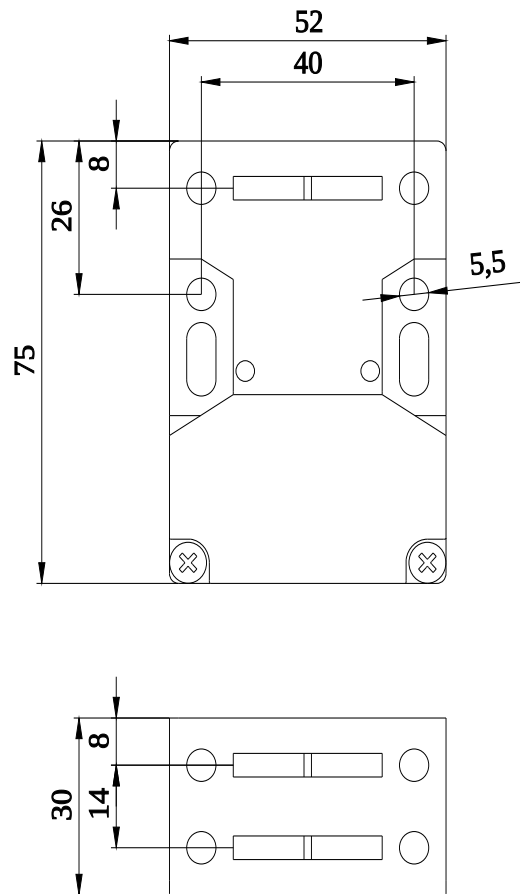
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2257-6XX>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2257-6XX>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2257-6XX&lang=en



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