

READY-MADE COMBINATION POS. METAL ENCLOSURE WITH SEPARATE ACTUATOR LATERAL ACTUATION SLOW-ACTION CONTACTS 2NC, 1XM20X1.5 HEAD TURNED BY 270 DEG. WITH CONNECTOR 6+PE PIN ASSIGNMENT: PIN1=11, PIN2=12, PIN3=21, PIN4=22 PIN5 AND PIN6 NOT ASSIGNED, PE CONNECTED

product designation		safety position switch		
suitability for use safety switch		Yes		
General technical data				
protection class IP		IP67		
reference code according to IEC 81346-2		B		
active principle		mechanical		
Substance Prohibitance (day/month/year)		07/01/2006		
Net Weight		0.35 kg		
length of the sensor		141.5 mm		
width of the sensor		40 mm		
Ambient conditions				
ambient temperature				
• during operation		-30 ... +85 °C		
explosion protection category for dust		none		
design of the switching contact		mechanical		
number of NC contacts for auxiliary contacts		0		
number of NO contacts for auxiliary contacts		2		
Enclosure				
design of the housing		design complying with EN 50041		
material of the enclosure		metal		
coating of the enclosure		painted		
design of the housing according to standard		Yes		
Drive Head				
design of the actuating element		separate actuator		
design of the switching function		positive opening		
circuit principle		slow-action contacts		
number of switching contacts safety-related		2		
Installation/ mounting/ dimensions				
fastening method		screw fixing		
Connections/ Terminals				
type of electrical connection		plug, 6-pole + PU, DIN 43651		
design of the interface for safety-related communication		without		
Communication/ Protocol				
design of the interface		without		
Approvals Certificates				
General Product Approval		Test Certificates	Maritime application	other
 CCC  Miscellaneous  PRS Confirmation Confirmation				
other		Environment		



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SE2120-6XX00-0AD5>

Cax online generator

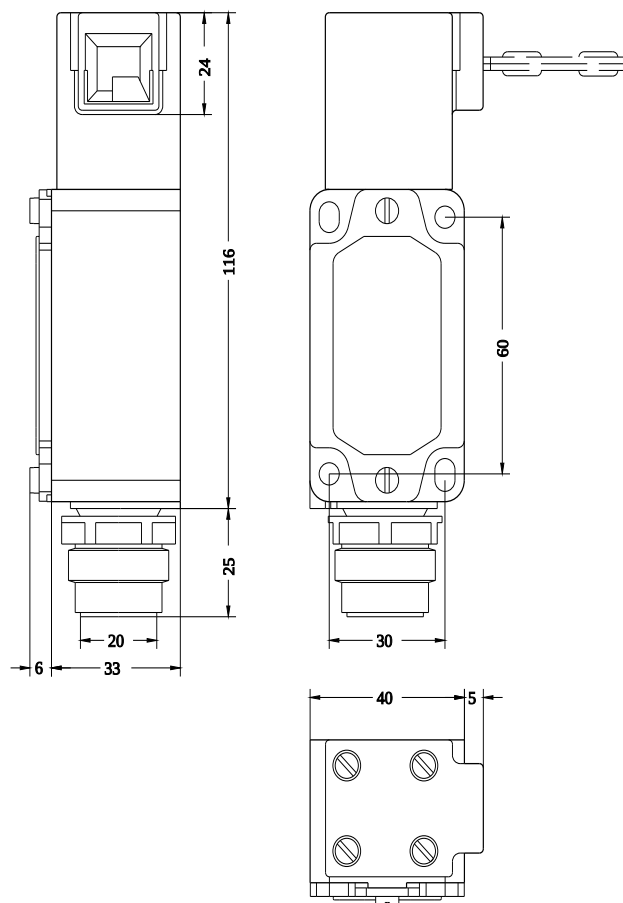
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-6XX00-0AD5>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2120-6XX00-0AD5>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2120-6XX00-0AD5&lang=en



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