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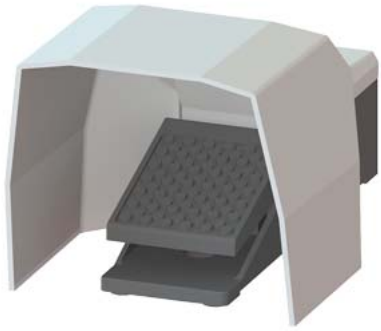
Data sheet 3SE2902-0AA20

Momentary-contact foot switch, 1-pedal With cover, without latching Metal enclosure IP65, 1 NO+1 NC, cable entry M20 x 1.5



product brand name	SIRIUS
product designation	momentary-contact foot switch
product type designation	3SE29
General technical data	
protection class IP	IP65
mechanical service life (operating cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (day/month/year)	07/01/2006
SVHC substance name	Lead CAS-No. 7439-92-1
Net Weight	1.399 kg
number of switching steps	1
number of the actuation pedals	1
minimum actuating force in directions of actuation	15 N
Ambient conditions	
ambient temperature during operation	-25 ... +80 °C
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
operational current at AC-15	
● at 230 V rated value	16 A
● at 400 V rated value	16 A
operational current at DC-13	
● at 24 V rated value	3 A
● at 250 V rated value	0.25 A
Enclosure	
material of the enclosure	metal
color	
● of the enclosure	black
● of the enclosure top part	grey
Actuator	
product feature	
● interlock	No
● latching	No
cable entry type	M20 x 1.5
Installation/ mounting/ dimensions	
height	138 mm
width	156 mm
depth	265 mm
Safety related data	
proportion of dangerous failures	

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• with low demand rate according to SN 31920	50 %
• with high demand rate according to SN 31920	50 %
B10 value with high demand rate according to SN 31920	1 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a

Approvals Certificates

General Product Approval	Test Certificates
CCC, CSA, EAC, CE EG-Konf., UKCA	Miscellaneous

Maritime application	other	Environment
PRS	Confirmation, 产品合格 QC PASS	Environmental Confirmations

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=3SE2902-0AA20
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2902-0AA20
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE2902-0AA20
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2902-0AA20&lang=en

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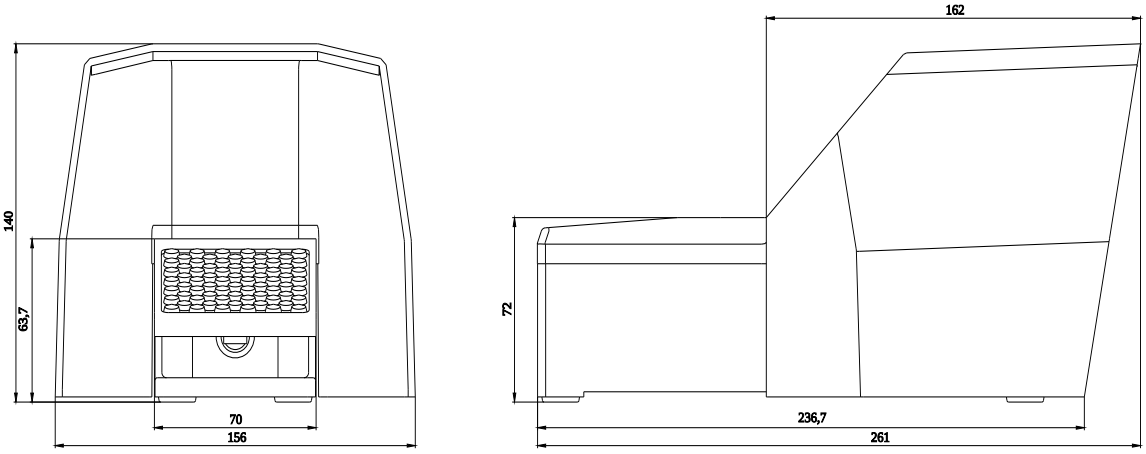

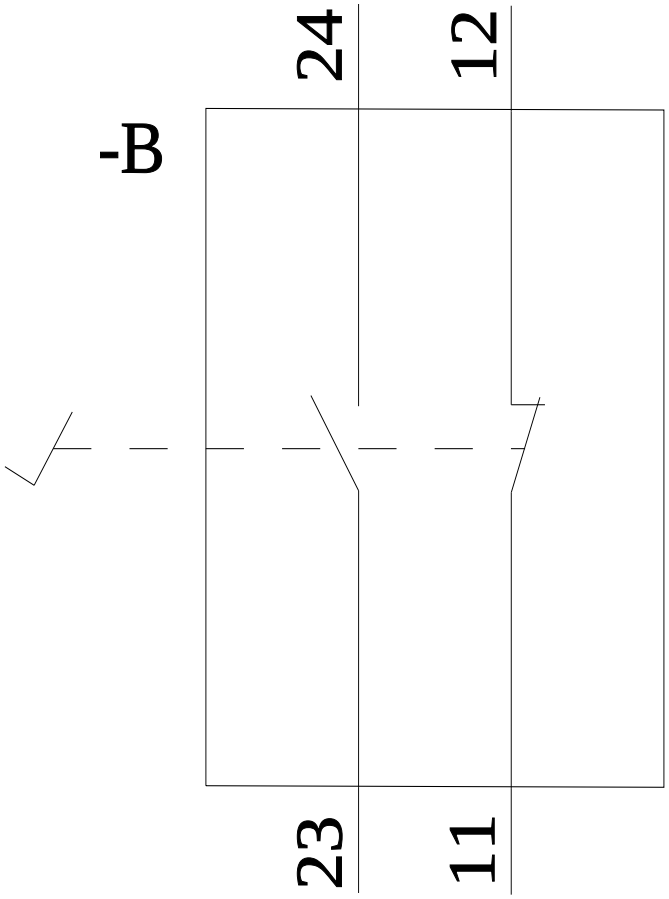

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