SIEMENS

Data sheet 3SE2924-3AA20



safety foot switch 1-pedal, with protective cover, IP65, with interlock function, 2 NO+2 NC, NO contact, closes as pushbutton, NC contact, opens with simultaneous latching (safety function), cable entry M20 x 1.5

product brand name	SIRIUS
product designation	safety foot switch
product type designation	3SE29
General technical data	
protection class IP	IP65
mechanical service life (operating cycles) typical	100 000
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	1.517 kg
number of switching steps	2
number of the actuation pedals	1
minimum actuating force in directions of actuation	240 N
Ambient conditions	
ambient temperature during operation	-25 ... +80 °C
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2
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	Yes
● 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	100 000
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

Miscellaneous

other

Confirmation

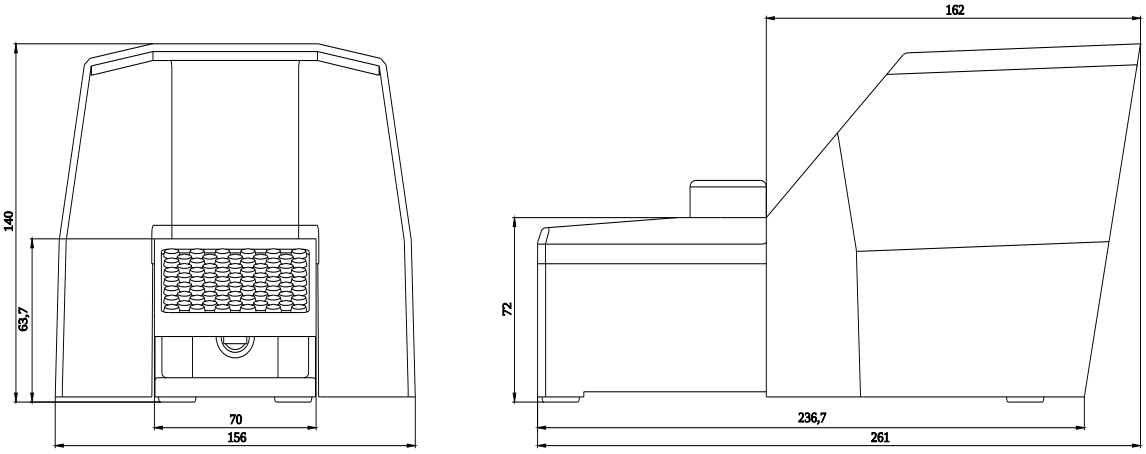
Environment

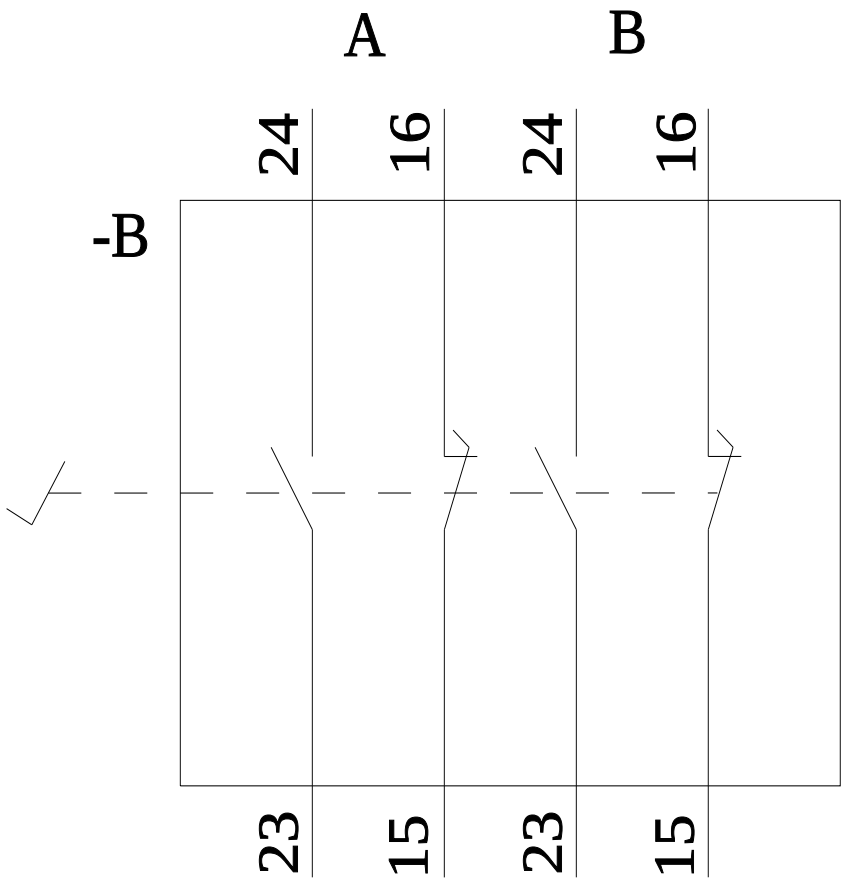
Environmental Confirmations

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=3SE2924-3AA20
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2924-3AA20
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE2924-3AA20
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2924-3AA20&lang=en

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