SIEMENS

Data sheet

3VA1163-1AA42-0AA0

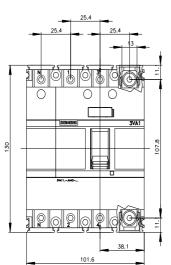


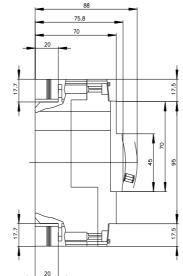
switch disconnector 3VA1 IEC frame 160 4-pole SD100, In=63A without overload protection w/o short-circuit protection nut keeper kit

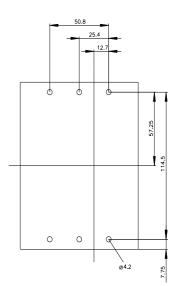
Model	
product brand name	SENTRON
product designation	Switch disconnector
design of the product	in MCCB design
number of poles	4
design of the auxiliary release	without
design of the auxiliary switch	Without
General technical data	
insulation voltage / rated value	800 V
operating voltage / at DC / rated value	600 V
operating voltage / at AC / rated value	690 V
power loss [W] / maximum	38 W
mechanical service life (operating cycles) / typical	15 000
product function / communication function	No
Net Weight	1.149 kg
Current	
operational current	
• at 40 °C	63 A
• at 45 °C	63 A
● at 50 °C	63 A
● at 55 °C	63 A
• at 60 °C	63 A
• at 65 °C	63 A
• at 70 °C	63 A
Mechanical Design	
product component	
 undervoltage release 	No
 voltage trigger 	No
 undervoltage release with leading contact 	No
 trip indicator 	No
height	130 mm
width	101.6 mm
depth	70 mm
Connections	
arrangement of electrical connectors / for main current circuit	Front terminal
type of electrical connection / for main current circuit	busbar connection
design of the surface / of the connections / on the top of the switch (N, 1, 3, 5)	silver
design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) $% \left(1, 2, 2, 4, 6 \right)$	Tin

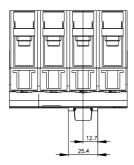
Auxiliary circuit						
	number of CO contacts / for auxiliary contacts)			
Accessories						
product extension / o	ptional / motor drive	Ŋ	/es			
Environmental condit	tions					
protection class IP / c	on the front	I	P40			
ambient temperature						
 during operatio 			25 °C			
during operatio		-	′0 °C 40 °C			
during storageduring storage			40°C			
Certificates	/ maximum	c				
	ording to IEC 81346-2	()			
General Product Ap	-		-		EMC	
Confirmation			Miscellaneous		A	
	(m)	(D'E)		FAL	<u>/</u>	
		VDE		LIIL	RCM	
Declaration of Cont	formity	Test Certificates	5	Marine / Shipping		
	·····,					
~ ~		Special Test Certi	fic- <u>Miscellaneous</u>	A CONTRACTOR	State 1	
CE	UK	ate				
EG-Konf.	CA			ABS		
					VERITAS	
Marine / Shipping				other		
£ Å.	Lloude		CCS / China Classi-	Confirmation	Miscellaneous	
() ()	Register		fication Society			
DNV	LRS	RMRS				
other	Environment					
Miscellaneous	Environmental Con-					
	firmations					
Eurthor information						
Further information	d to exit the Russian	market (see bero)				
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business						
Siemens is working on the renewal of the current EAC certificates.						
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).						
products to an EAC relevant market (other than the sanctioned EAEC member states Russia or Belarus). Information on the packaging						
https://support.industry.siemens.com/cs/ww/en/view/109813875						
Information- and Downloadcenter (Catalogs, Brochures,) http://www.siemens.com/lowvoltage/catalogs						
		2				
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA1163-1AA42-0AA0						
	lanuals, Certificates, C					
	https://support.industry.siemens.com/cs/ww/en/ps/3VA1163-1AA42-0AA0					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams,) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA1163-1AA42-0AA0						
CAx-Online-Generator						
http://www.siemens.com/cax						
Tender specification						
	ns					

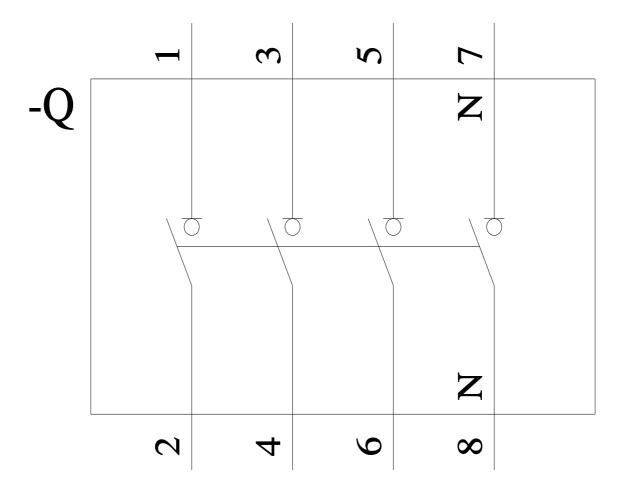
http://www.siemens.com/specifications











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