

SWITCH DISCONNECTOR 3VA1 IEC FRAME 250 3-POLE SD100, IN=250A WITHOUT OVERLOAD PROTECTION WITHOUT SHORT CIRCUIT PROT. BUSBAR CONNECTION SHUNT TRIP (STL) 12-30 V DC, 24 V AC 50/60 HZ



Model	
product brandname	SENTRON
Product designation	Switch disconnecter
Design of the product	in MCCB design
Number of poles	3
Design of the auxiliary release	Undervoltage release (UVR)
Design of the auxiliary switch	2 auxiliary switches HQ
General technical data	
Tension assignée d'isolement U_i	800 V
Max. rated operational voltage U_e with AC 50/60Hz	690 V
Max. rated operational voltage U_e with DC	500 V
Active power loss / for rated value of the current / at AC / in hot operating state / per device	57 W
Mechanical service life (switching cycles) / typical	15 000
Product function	
• communication function	No
Electricity	
Courant permanent assigné I_u	250 A

Mechanical Design

Height	158 mm
Width	105 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

Auxiliary circuit

Product component	
<ul style="list-style-type: none"> • undervoltage release • Voltage trigger • undervoltage release with leading contact • Trip indicator 	<p>Yes</p> <p>No</p> <p>No</p> <p>No</p>
Number of CO contacts / for auxiliary contacts	2

Accessories






Product extension / optional / motor drive	Yes
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Environmental conditions

Protection class IP / on the front	IP40
Ambient temperature	
<ul style="list-style-type: none"> • during operation / minimum • during operation / maximum • during storage / minimum • during storage / maximum 	<p>-25 °C</p> <p>70 °C</p> <p>-40 °C</p> <p>80 °C</p>

Certificates

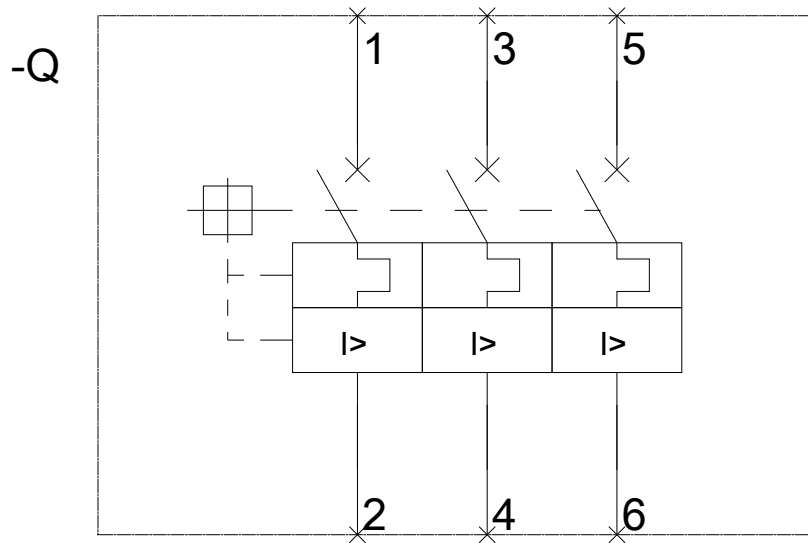
Equipment marking / acc. to DIN EN 81346-2	Q
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General Product Approval	EMC	Declaration of Conformity	Test Certificates
 CCC	 VDE	 EAC	 RCM
		 EG-Konf.	sonstig

other

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Further information



last modified:

10/26/2016