

SWITCH DISCONNECTOR 3VA1 IEC FRAME 160 3-POLE SD100, IN=160A WITHOUT OVERLOAD PROTECTION WITHOUT SHORT CIRCUIT PROT. CABLE CONNECTION SHUNT TRIP (STL) 12-30 V DC, 24 V AC 50/60 HZ 2 AUXILIARY SWITCH HQ 1 TRIP ALARM SWITCH HQ



Model	
product brandname	SENTRON
Product designation	Switch disconnecter
Design of the product	in MCCB design
Number of poles	3
Design of the auxiliary release	Shunt trip (STL)
Design of the auxiliary switch	2 auxiliary switches + 1 trip alarm switch 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	38 W
Mechanical service life (switching cycles) / typical	15 000
Product function	
• communication function	No
Net weight	1 080 g

Electricity

Courant permanent assigné lu	160 A
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Mechanical Design

Height	130 mm
Width	76.2 mm
Depth	70 mm

Connections

Arrangement of electrical connectors / for main current circuit	Front terminal
Type of electrical connection / for main current circuit	Terminal connection

Auxiliary circuit

Product component	
• undervoltage release	No
• Voltage trigger	Yes
• undervoltage release with leading contact	No
• Trip indicator	Yes
Number of CO contacts / for auxiliary contacts	3

Accessories






Product extension / optional / motor drive	Yes
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Environmental conditions

Protection class IP / on the front	IP40
Ambient temperature	
• during operation / minimum	-25 °C
• during operation / maximum	70 °C
• during storage / minimum	-40 °C
• during storage / maximum	80 °C





Certificates

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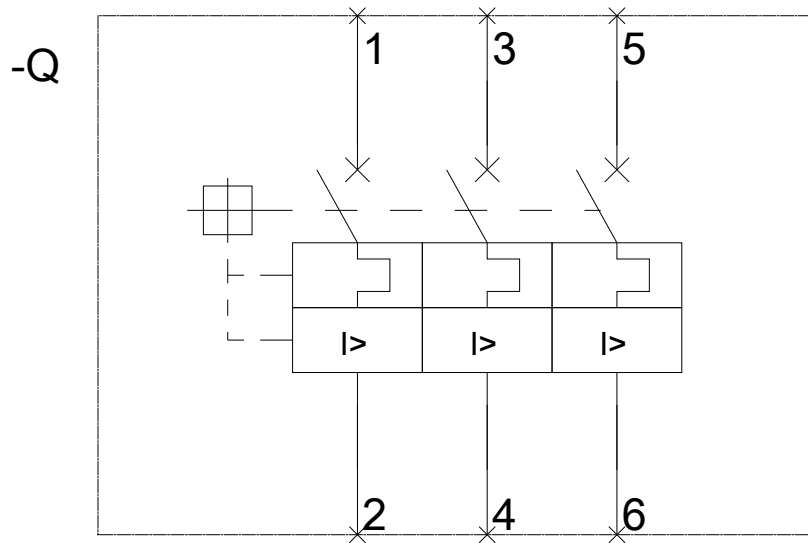
General Product Approval	EMC	Declaration of Conformity	Test Certificates	Shipping Approval
 CCC		 RCM	 EG-Konf.	 ABS

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Shipping Approval	other
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