

SWITCH DISCONNECTOR 3VA1 IEC FRAME 250 3-POLE SD100, IN=250A WITHOUT OVERLOAD PROTECTION WITHOUT SHORT CIRCUIT PROT. BUSBAR CONNECTION SHUNT TRIP (STL) 220-250 V DC, 208-277 V AC 2 AUXILIARY 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	Undervoltage release (UVR)
Design of the auxiliary switch	Without
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"> <li>• undervoltage release</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Voltage trigger</li> </ul>	No
<ul style="list-style-type: none"> <li>• undervoltage release with leading contact</li> </ul>	No
<ul style="list-style-type: none"> <li>• Trip indicator</li> </ul>	No
Number of CO contacts / for auxiliary contacts	0

Accessories	
Product extension / optional / motor drive	Yes

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

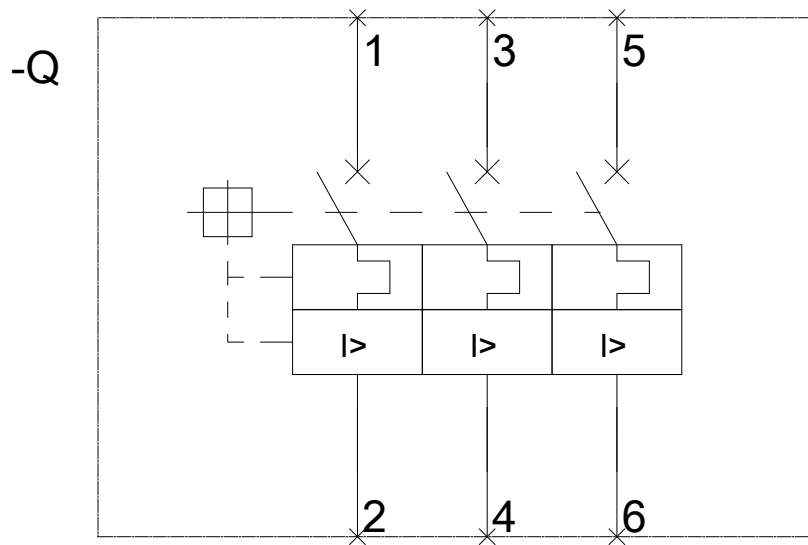
Certificates	
Equipment marking / acc. to DIN EN 81346-2	Q

General Product Approval	EMC	Declaration of Conformity	Test Certificates
 CCC	 VDE	 EAC	 RCM
 EG-Konf.			<a href="#">sonstig</a>

other
<a href="#">sonstig</a>

### Further information





last modified:

10/26/2016