

SWITCH DISCONNECTOR 3VA1 IEC FRAME 250 4-POLE SD100, IN=250A WITHOUT OVERLOAD PROTECTION WITHOUT SHORT CIRCUIT PROT. BUSBAR CONNECTION 1 AUXILIARY SWITCH HQ 1 TRIP ALARM SWITCH HQ



Model	
product brandname	SETRON
Product designation	Switch disconnecter
Design of the product	in MCCB design
Number of poles	4
Design of the auxiliary release	Shunt trip (STL)
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	600 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	140 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 	No
<ul style="list-style-type: none"> • Voltage trigger 	Yes
<ul style="list-style-type: none"> • undervoltage release with leading contact 	No
<ul style="list-style-type: none"> • Trip indicator 	No
Number of CO contacts / for auxiliary contacts	2

Accessories	
Product extension / optional / motor drive	Yes

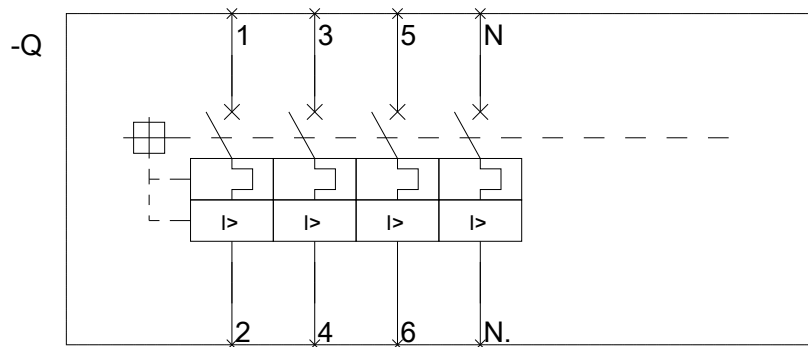
Environmental conditions	
Protection class IP / on the front	IP40
Ambient temperature	
<ul style="list-style-type: none"> • during operation / minimum 	-25 °C
<ul style="list-style-type: none"> • during operation / maximum 	70 °C
<ul style="list-style-type: none"> • during storage / minimum 	-40 °C
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

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

General Product Approval	EMC	Declaration of Conformity	Test Certificates
 CCC	 RCM	 EG-Konf.	sonstig
 VDE	 EAC		

other
sonstig

Further information



last modified:

10/26/2016