

SETRON, 3LD switch disconnecter, main switch, 3- pole, Iu:25 A, Operational power / at AC-23 A at 400 V: 9,5 kW, molded-plastic enclosure for metric threaded joint, 1NC, 1NO, rotary operating mechanism, black



Model	
product brandname	SETRON
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	3
Number of poles / Note	N
Type of device	fixed mounting
Operating frequency / maximum	50 1/h
Voltage	
Insulation voltage / rated value	690 V
Surge voltage resistance / rated value	6 kV
Protection class	
Protection class IP / on the front	IP65
Dissipation	
Power loss [W]	1.1 W
<ul style="list-style-type: none"> for rated value of the current / at AC / in hot operating state / per pole 	

Electricity	
Continuous current / rated value	25 A
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	640 A
Main circuit	
Operating frequency	
• initial value	50 Hz
• Full-scale value	60 Hz
Operating power	
• at AC-23 A / at 400 V / rated value	9.5 kW
• at AC-23 A / at 690 V / rated value	9.5 kW
• at AC-3 / at 400 V / rated value	7.5 kW
• at AC-3 / at 690 V / rated value	7.5 kW
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
Auxiliary circuit	
Operating voltage / of auxiliary contacts / at AC / maximum	500 V
Continuous current / of the auxiliary contact / rated value	10 A
Insulation voltage / of the auxiliary switch / rated value	500 V
Suitability	
Suitability for use	
• Main switch	Yes
• switch disconnecter	Yes
• EMERGENCY OFF switch	No
• safety switch	Yes
• maintenance/repair switch	Yes
Product details	
Product feature / interlock	Yes
Product extension / optional	
• motor drive	No
• Voltage trigger	No
Connections	
Type of electrical connection	
• for auxiliary contacts	connection terminals
Requirements	
Design of the fuse link	

- for short-circuit protection of the main circuit / required
- for short-circuit protection of the auxiliary switch / required

fuse gL/gG: 25 A

fuse gL/gG: 10 A

Mechanical Design

Height	152 mm
Width	100 mm
Depth	117 mm
Mounting type	
• front mounting with 4-hole attachment	No
• front mounting with central attachment	Yes
• rail mounting	No
Net weight	475 g

Environmental conditions

Ambient temperature	
• during operation / minimum	-25 °C
• during operation / maximum	55 °C

Certificates

Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	SF

General Product Approval

Declaration of Conformity



[sonstig](#)



Test Certificates	Shipping Approval	other
--------------------------	--------------------------	--------------

[sonstig](#)



LRS

[Umweltbestätigung](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3LD2164-1GP51>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3LD2164-1GP51/all>



