

SETRON, 3LD switch disconnecter, EMERGENCY-STOP switch, 4-pole, Iu:25 A, Operational power / at AC-23 A at 400 V: 8,5 kW, molded- plastic enclosure for metric threaded joint, 1NC, 1NO, rotary operating mechanism, red/yellow



Model	
product brandname	SETRON
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	4
Number of poles / Note	PE
Type of device	fixed mounting
Operating frequency / maximum	50 1/h
Voltage	
Insulation voltage / rated value	415 V
Surge voltage resistance / rated value	6 kV
Protection class	
Protection class IP / on the front	IP65
Dissipation	
Power loss [W]	1.1 W
for rated value of the current / at AC / in hot operating state / per pole	

Electricity	
Continuous current / rated value	25 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	8.5 kW
• at AC-3 / at 400 V / rated value	7.5 kW
Operating voltage	
• at AC / at 50/60 Hz / rated value	415 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	Yes
• 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	fuse gL/gG: 25 A
• for short-circuit protection of the auxiliary switch / required	fuse gL/gG: 10 A
Mechanical Design	

Height	152 mm
Width	100 mm
Depth	117 mm
Mounting type	• front mounting with 4-hole attachment • front mounting with central attachment • rail mounting
Net weight	481 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	Test Certificates	Shipping Approval
 CCC  VDE sonstig	 EG-Konf.	sonstig	 LRS

other

[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/3LD2164-1TC53-1AA0>

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

<http://support.automation.siemens.com/WW/view/en/3LD2164-1TC53-1AA0/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2164-1TC53-1AA0

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>

