

MAIN CONTROL SWITCH 3-POLE IU=63, P/AC-23A
 AT 400V=22KW BASE MOUNTING MOUNTING
 RAIL/TWO-HOLE MOUNTING ROTARY ACTUATOR
 BLACK



Model		
product brand name		SETRON
Product designation		Switch disconnecter
Design of the product		Switch Disconnecter 3LD
Design of the operating mechanism		central hole
Type of the driving mechanism / motor drive		No
General technical data		
Number of poles		3
Type of device		fixed mounting
Operating frequency / maximum	1/h	50
Voltage		
Insulation voltage / rated value	V	690
Surge voltage resistance / rated value	kV	6
Protection class		
Protection class IP / on the front		IP65
Dissipation		
Power loss [W]		

- for rated value of the current / at AC / in hot operating state / per pole

W	4.5
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Electricity

Continuous current / rated value	A	63
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	A	1 260

Main circuit

Operating frequency		
• initial value	Hz	50
• Full-scale value	Hz	60
Operating power		
• at AC-23 A / at 400 V / rated value	kW	22
• at AC-23 A / at 690 V / rated value	kW	18.5
• at AC-3 / at 400 V / rated value	kW	18.5
• at AC-3 / at 690 V / rated value	kW	15
Operating voltage		
• at AC / at 50/60 Hz / rated value	V	690

Auxiliary circuit

Number of CO contacts / for auxiliary contacts		0
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Operating voltage / of auxiliary contacts / at AC / maximum	V	500
Continuous current / of the auxiliary contact / rated value	A	10
Insulation voltage / of the auxiliary switch / rated value	V	500

Suitability

Suitability for use		
• Main switch		Yes
• switch disconnector		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 connectable conductor cross-sections		
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<ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — solid — finely stranded / with core end processing — stranded 		2x (0,75 ... 2,5 mm ²), 1x 4 mm ² 2x (0.75 ... 1.5 mm ²), 1x 2.5 mm ² 2x (0,75 ... 2,5 mm ²), 1x 4 mm ²
Type of electrical connection <ul style="list-style-type: none"> • for main current circuit • for auxiliary contacts 		box terminals connection terminals

Requirements

Design of the fuse link <ul style="list-style-type: none"> • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch / required 		fuse gL/gG: 63 A fuse gL/gG: 10 A
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Mechanical Design

Height	mm	106
Width	mm	90
Depth	mm	468.5
Mounting type		floor mounting
Mounting type <ul style="list-style-type: none"> • front mounting with 4-hole attachment • front mounting with central attachment • rail mounting 		No Yes Yes
Net weight	g	702

Environmental conditions

Ambient temperature <ul style="list-style-type: none"> • during operation / minimum • during operation / maximum 	°C °C	-25 55
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Certificates

Equipment marking <ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 		S SF
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General Product Approval



CCC



CSA



UL



VDE



[sonstig](#)

Declaration of Conformity	Test Certificates	Shipping Approval	other
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EG-Konf.

[spezielle Prüfbescheinigungen](#)



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/3LD25450TK51>

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

<http://support.automation.siemens.com/WW/view/en/3LD25450TK51/all>

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

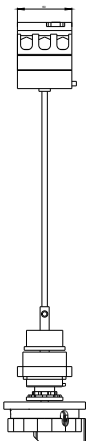
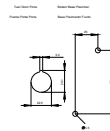
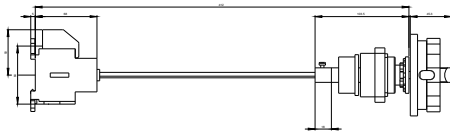
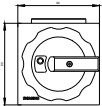
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD25450TK51

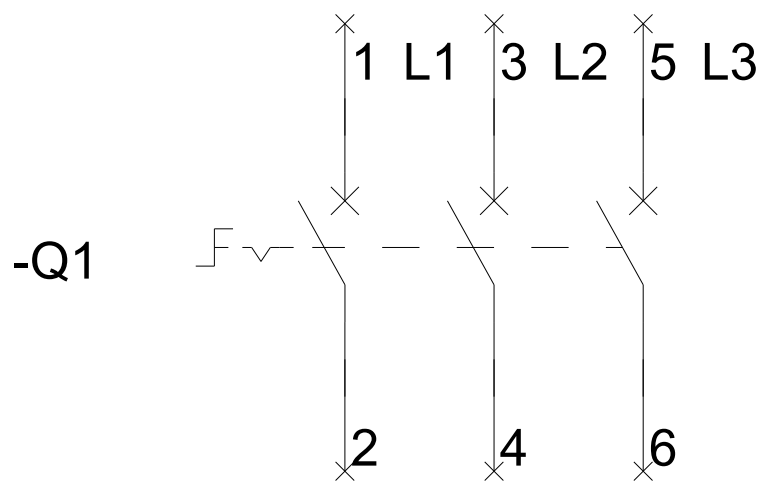
CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>





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11.03.2016