



SENTRON, 3LD switch disconnecter, EMERGENCY-STOP switch, 3-pole, Iu:63 A, Operational power / at AC-23 A at 400 V: 22 kW, floor mounting with door coupling, rotary operating mechanism, red/yellow, 4-hole mounting of the handle

Model		
product brandname		SENTRON
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]		
<ul style="list-style-type: none"> for rated value of the current / at AC / in hot operating state / per pole 	W	4.5
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 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		
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- 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

Mechanical Design

Height	mm	106
Width	mm	90
Depth	mm	468.5
Mounting type		
• front mounting with 4-hole attachment		Yes
• front mounting with central attachment		No
• rail mounting		Yes
Net weight	g	640

Environmental conditions

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

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
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[spezielle Prüfbescheinigungen](#)



[Umweltbestätigung](#)

Further information

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

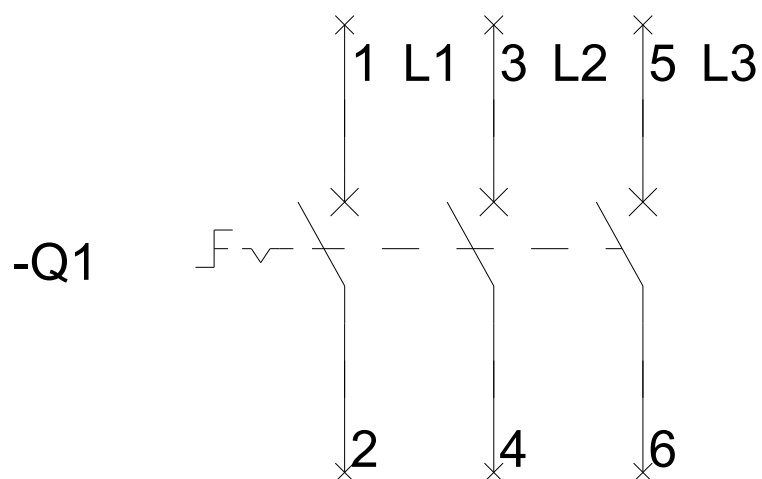
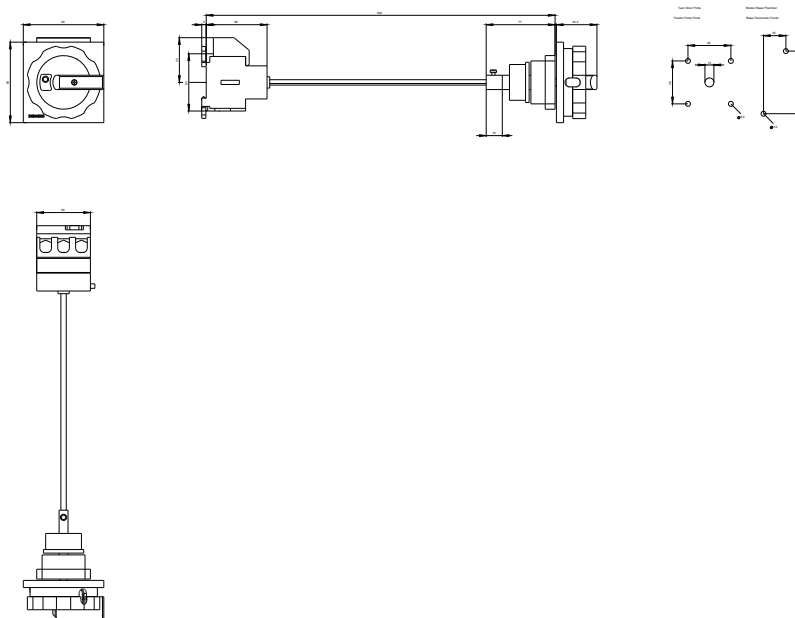
<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3LD2514-0TK53>

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

<http://support.automation.siemens.com/WW/view/en/3LD2514-0TK53/all>



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