



EMERG. STOP SWITCH 3-POLE IU=16, P/AC-23A AT 400V=7.5KW 1 N-TERMINAL + 1 PE-TERMINAL INSULATION-ENCLOSED, IP65 ROTARY ACTUATOR RED/YELLOW (EMERG. STOP)

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
Number of poles / Note		N + PE
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		

<b>Power loss [W]</b>		
<ul style="list-style-type: none"> <li>• for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	W	0.5

### Electricity

Continuous current / rated value	A	16
Short-time current resistance (I <sub>cw</sub> ) / at 690 V / limited to 1 s / rated value	A	340

### Main circuit

<b>Operating frequency</b>		
<ul style="list-style-type: none"> <li>• initial value</li> </ul>	Hz	50
<ul style="list-style-type: none"> <li>• Full-scale value</li> </ul>	Hz	60
<b>Operating power</b>		
<ul style="list-style-type: none"> <li>• at AC-23 A / at 400 V / rated value</li> </ul>	kW	7.5
<ul style="list-style-type: none"> <li>• at AC-23 A / at 690 V / rated value</li> </ul>	kW	7.5
<ul style="list-style-type: none"> <li>• at AC-3 / at 400 V / rated value</li> </ul>	kW	5.5
<ul style="list-style-type: none"> <li>• at AC-3 / at 690 V / rated value</li> </ul>	kW	5.5
<b>Operating voltage</b>		
<ul style="list-style-type: none"> <li>• at AC / at 50/60 Hz / rated value</li> </ul>	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

<b>Suitability for use</b>		
<ul style="list-style-type: none"> <li>• Main switch</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• switch disconnecter</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• EMERGENCY OFF switch</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• safety switch</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• maintenance/repair switch</li> </ul>		Yes

### Product details

Product feature / interlock		Yes
Product expansion / optional		
<ul style="list-style-type: none"> <li>• motor drive</li> </ul>		No
<ul style="list-style-type: none"> <li>• Voltage trigger</li> </ul>		No

### Connections

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

### Requirements

<b>Design of the fuse link</b> <ul style="list-style-type: none"> <li>• for short-circuit protection of the main circuit / required</li> <li>• for short-circuit protection of the auxiliary switch / required</li> </ul>		fuse gL/gG: 20 A  fuse gL/gG: 10 A
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### Mechanical Design

<b>Height</b>	mm	152
<b>Width</b>	mm	100
<b>Depth</b>	mm	117
<b>Mounting type</b>		floor mounting
<b>Mounting type</b> <ul style="list-style-type: none"> <li>• front mounting with 4-hole attachment</li> <li>• front mounting with central attachment</li> <li>• rail mounting</li> </ul>		No Yes No
<b>Net weight</b>	g	465

### Environmental conditions

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

<b>Equipment marking</b> <ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>		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.

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GL



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## 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/3LD20640TB53>

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

<http://support.automation.siemens.com/WW/view/en/3LD20640TB53/all>

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

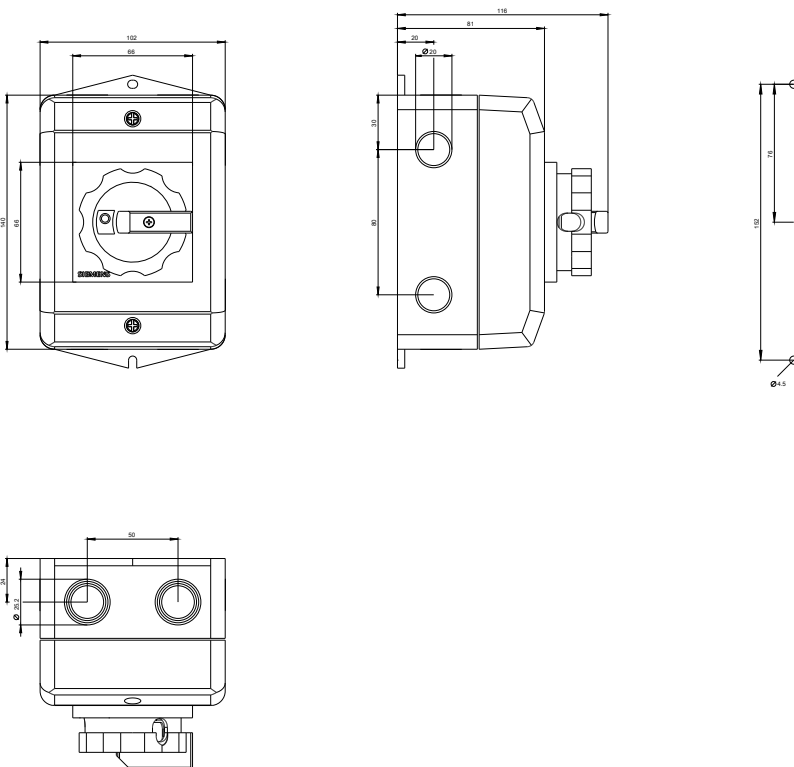
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3LD20640TB53](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD20640TB53)

**CAX-Online-Generator**

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

**Tender specifications**

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



last modified:

02.02.2016