

SENTRON, Switch disconnecter 3LD, emergency switching-off switch, 3- pole, Iu: 16 A, operating power / at AC-23 A 400 V: 7.5 kW, Molded plastic encapsulation for metric cable gland, 1 NC, 1 NO, rotary operating mechanism, red/yellow



Model	
Product brand name	SENTRON
Product designation	3LD Switch disconnecter
Design of the product	EMERGENCY-STOP switch
Display version / for switch position indicator manual operation	1 ON - 0 OFF
Design of the operating mechanism	Short rotary knob
Design of handle	rotary operating mechanism, red/yellow
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
Type of switch	Molded-plastic enclosure for metric threaded joint
Size of switch disconnecter	1
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	IP65	
Protection class IP / on the front	IP65	
Dissipation		
Power loss [W]	0.5 W	
<ul style="list-style-type: none"> • for rated value of the current / at AC / in hot operating state / per pole 		
Electricity		
Current / at AC / rated value	16 A	
Continuous current / rated value	16 A	
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	340 A	
Main circuit		
Operating frequency	50 Hz	
<ul style="list-style-type: none"> • initial value 		
<ul style="list-style-type: none"> • Full-scale value 	60 Hz	
Operating power	7.5 kW	
<ul style="list-style-type: none"> • at AC-23 A / at 400 V / rated value 		
<ul style="list-style-type: none"> • at AC-23 A / at 690 V / rated value 		7.5 kW
<ul style="list-style-type: none"> • at AC-3 / at 400 V / rated value 		5.5 kW
<ul style="list-style-type: none"> • at AC-3 / at 690 V / rated value 	5.5 kW	
Operating voltage	690 V	
<ul style="list-style-type: none"> • at AC / at 50/60 Hz / rated value 		
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	Yes	
<ul style="list-style-type: none"> • Main switch 		
<ul style="list-style-type: none"> • switch disconnecter 		Yes
<ul style="list-style-type: none"> • EMERGENCY OFF switch 		Yes
<ul style="list-style-type: none"> • safety switch 		Yes
<ul style="list-style-type: none"> • 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 main current circuit	Box terminal
• for auxiliary contacts	connection terminals

Requirements

Design of the fuse link	
• for short-circuit protection of the main circuit / required	fuse gL/gG: 20 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	Complete unit in enclosure
Mounting type	
• front mounting with 4-hole attachment	No
• front mounting with central attachment	Yes
• rail mounting	No
Net weight	476 g

Certificates

Reference identifier	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	SF

General Product Approval	Declaration of Conformity
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CCC



CSA



UL



VDE

[Miscellaneous](#)



EG-Konf.

Test Certificates	Shipping Approval	other
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[Special Test Certificate](#)



LRS

[Environmental Confirmations](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3LD2064-1GP53>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD2064-1GP53>

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

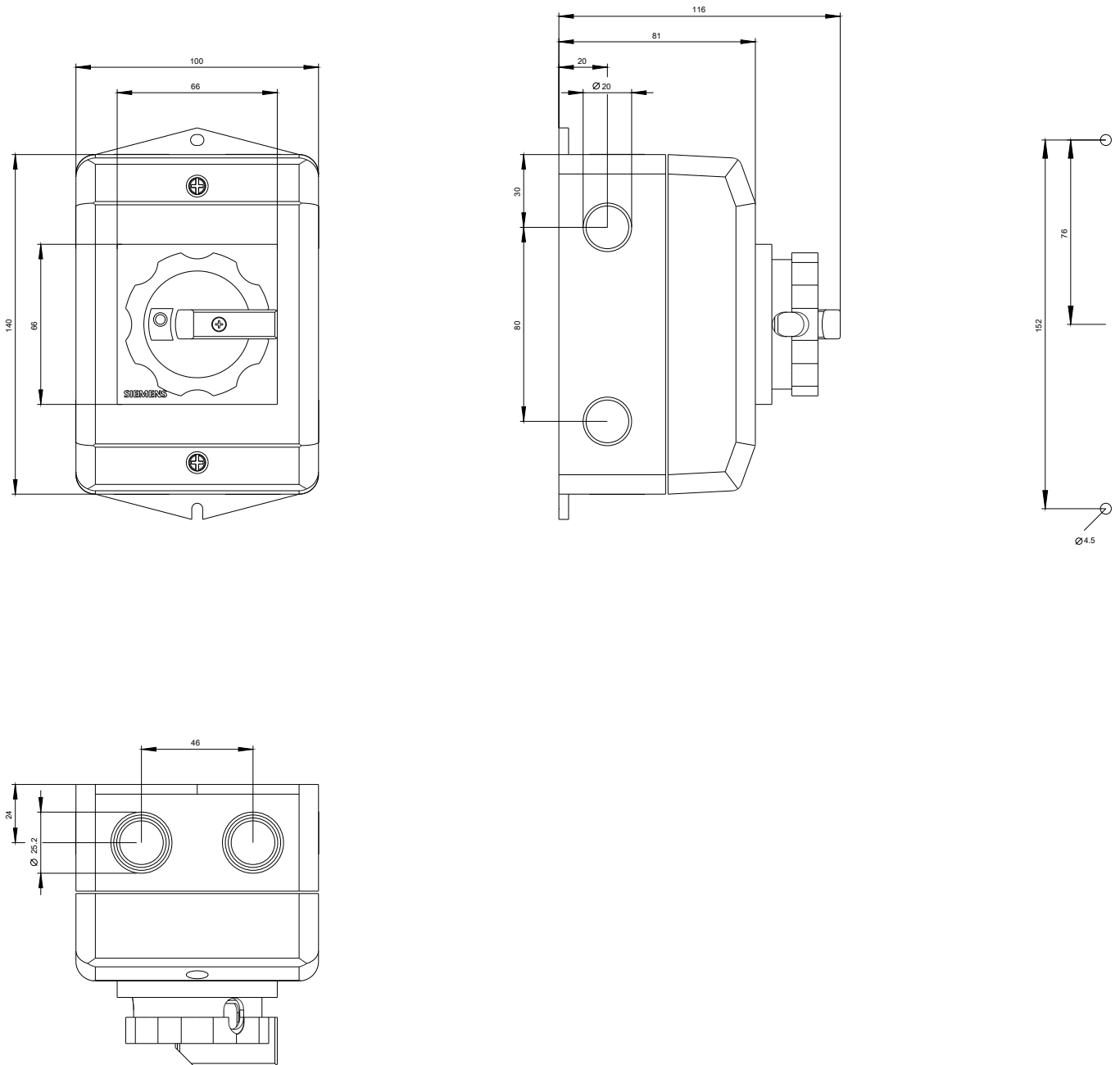
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3LD2064-1GP53

CAX-Online-Generator

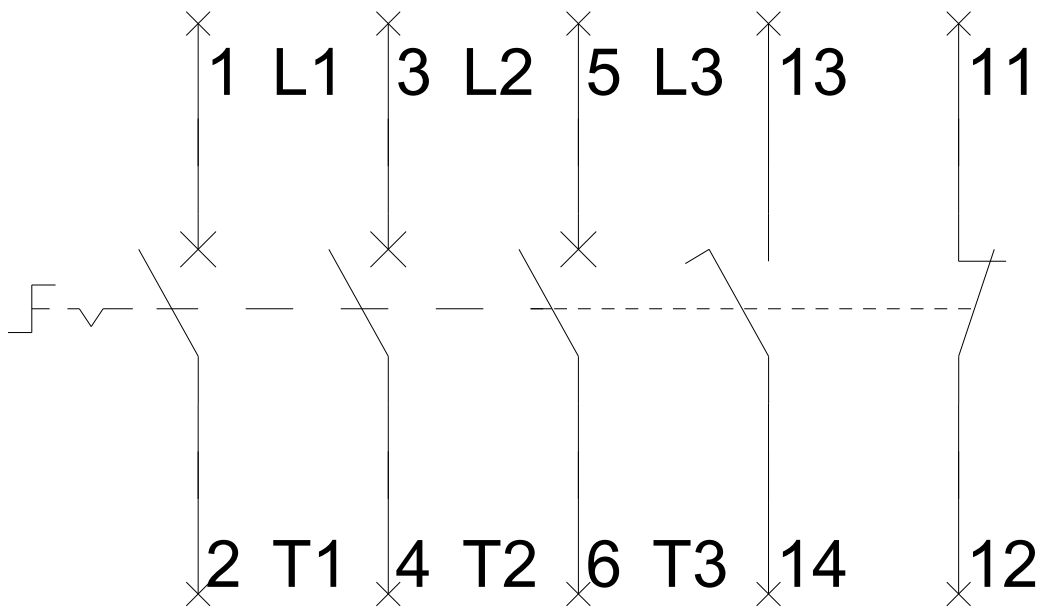
<http://www.siemens.com/cax>

Tender specifications

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



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