

MAIN SWITCH



Similar to image

General technical details:		
product brand name		SETRON
Product designation		Main and EMERGENCY-STOP switches
Design of the operating mechanism		rotary actuator, black
Type from device		fixed mounting
Protection class IP		IP65
Number of poles		3
Mounting type		floor mounting
• front mounting		No
• rail mounting		No
• series installation		No
Insulation voltage / rated value	V	690
Continuous current / rated value	A	25
Product equipment / interlock		Yes
Design of the electrical connection		
• for auxiliary contact		connection terminals
• for main current circuit		connection terminals
Type of the driving mechanism / motor drive		No
Number of NC contacts / for auxiliary contacts		0

Impulse voltage resistance / rated value	V	6,000
Number of NO contacts / for auxiliary contacts		2
Number of changeover contacts / for auxiliary contacts		0
Operating current / at AC-21 / rated value	A	25
Operating voltage		
• of the auxiliary contacts / for AC / maximum	V	500
• at 50/60 Hz / for AC / rated value	V	690
Service power / at AC-3		
• at 400 V / rated value	kW	7.5
• at 690 V / rated value	kW	7.5
Short-time current resistance (I_{cw}) / at 690 V / limited to 1 s / rated value	A	640
Depth	mm	117
Height	mm	152
Width	mm	100
Mechanical operating cycles as operating time / of the main contacts / typical		100,000
Active power loss / per conductor / typical	W	1.1
Design of the fuse link / for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A
Conductor cross section that can be connected		
• for main contacts		
• single- or multi-stranded	mm ²	1.5 ... 16
• stranded	mm ²	1.5 ... 16
• stranded wire / with conductor end processing / maximum	mm ²	10
• for auxiliary contacts		
• finely stranded		
• with conductor end processing	mm ²	0.75 ... 2.5
• single- or multi-stranded	mm ²	0.75 ... 4
• stranded	mm ²	0.75 ... 4
Type of the connectable conductor cross-section		
• for auxiliary contacts / solid		50
• for main contacts / finely stranded / with conductor end processing		10
• for auxiliary contacts		
• finely stranded / with conductor end processing		2x (0.75 ... 1.5 mm ²), 1x 2.5 mm ²
Ambient temperature / during operating	°C	-25 ... +55
Protection against electrical shock		finger-safe
Operating cycles / maximum	1/h	50
Acceptability for application		
• main switch		Yes

• switch disconnecter • maintenance/repair switch • safety cut-out switch • emergency stop switch		Yes
		Yes
		Yes
		No
Product extension / optional		
• motor drive • voltage trigger		No
		No
Mounting type		
• front mounting with central attachment • front mounting with 4-hole attachment		Yes
		No
Operating frequency		
• initial value • final value	Hz	50
	Hz	60
Design of the fuse link / for short-circuit protection of the main circuit / necessary		fuse gL/gG: 25 A
Service power / at AC-23 A		
• at 400 V / rated value • at 690 V / rated value	kW	9.5
	kW	9.5
Insulation voltage / of the auxiliary switch / rated value	V	500
Continuous current / of the auxiliary contact / rated value	A	10
Item designation		
• according to DIN EN 61346-2		S

Certificates/approvals:

General Product Approval



CSA



GOST



UL

Test Certificates

[other](#)

Shipping Approval



GL

other

[Declaration of
Conformity](#)

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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/3LD2164-1GS51>

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

<http://support.automation.siemens.com/WW/view/en/3LD2164-1GS51/all>

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

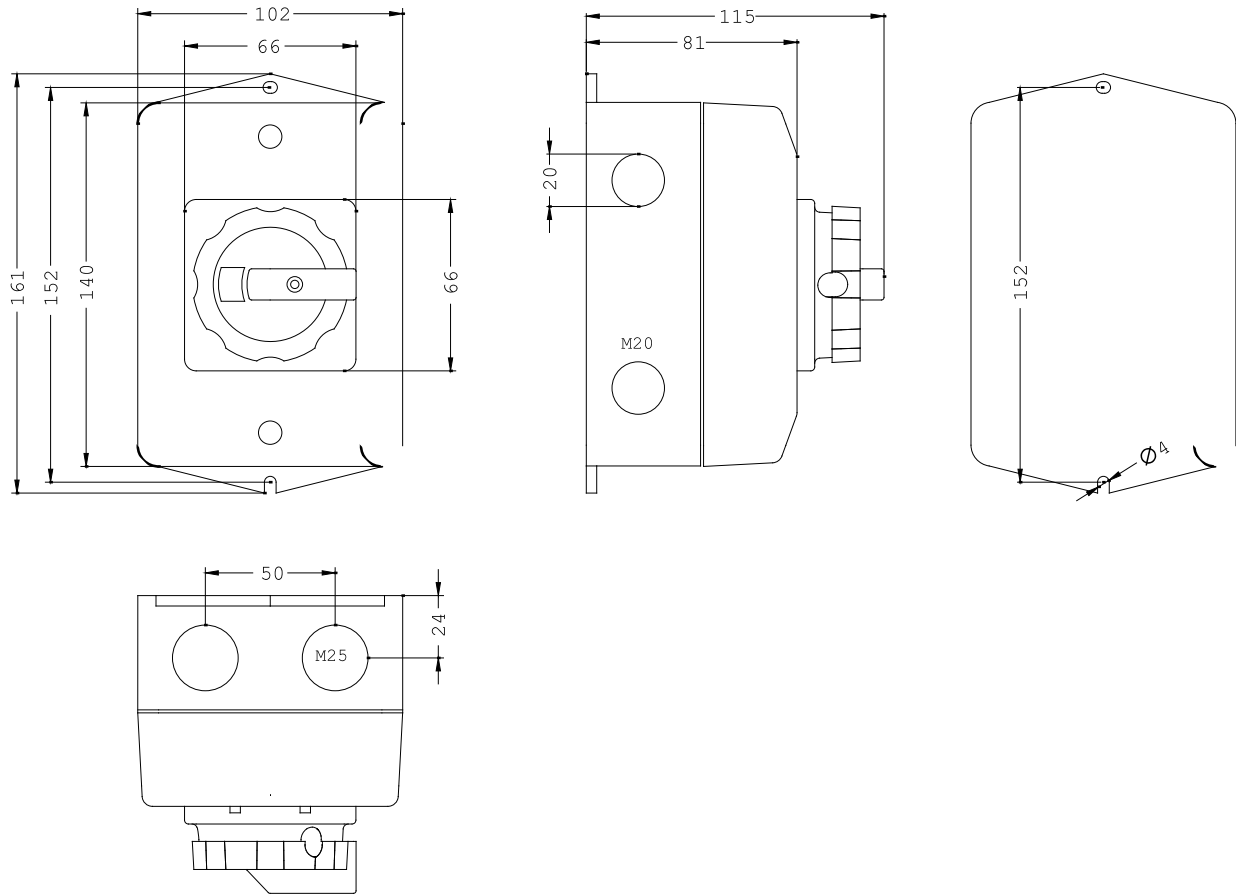
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2164-1GS51

CAX-Online-Generator

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Tender specifications

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last change:

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