



EMERG. STOP SWITCH 3-POLE IU=16, P/AC-23A AT 400V=7.5KW 1NO+1NC, 1N-TERMINAL INSULATION-ENCLOSED, IP65 ROTARY ACTUATOR RED/YELLOW (EMERG. STOP)

Model		
product brand name		SETRON
Product designation		Main and EMERGENCY-STOP switches
Design of the operating mechanism		rotary actuator, red/yellow
Type of the driving mechanism / motor drive		No
General technical data		
Number of poles		3
Type of device		fixed mounting
Protection against electrical shock		finger-safe
Mechanical service life (switching cycles) / of the main contacts / typical		100 000
Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750		S
Operating frequency / maximum	1/h	50
Voltage		
Insulation voltage		
• Rated value	V	690
Surge voltage resistance		
• Rated value	V	6 000

Protection class		
Protection class IP		IP65
Electricity		
Continuous current		
• Rated value	A	16
Short-time current resistance (I_{cw}) / at 690 V / limited to 1 s		
• Rated value	A	340
Net weight	g	476
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	7.5
• at AC-23 A / at 690 V / Rated value	kW	7.5
• at AC-3 / at 400 V / Rated value	kW	5.5
• at AC-3 / at 690 V / Rated value	kW	5.5
Operating voltage		
• with AC / at 50/60 Hz / Rated value	V	690
Operating current / at AC-21		
• Rated value	A	16
Auxiliary circuit		
Number of CO contacts		
• for auxiliary contacts		0
Number of NC contacts		
• for auxiliary contacts		1
Number of NO contacts		
• for auxiliary contacts		1
Operating voltage / of the auxiliary contacts / with 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

Appearance

Product details

Product feature

- interlock

Yes

Product expansion

- optional
 - motor drive
 - Voltage trigger

No

No

Connections

Connectable conductor cross-section

- for main contacts

— single or multi-stranded / minimum

mm²

1

— single or multi-stranded / maximum

mm²

6

— finely stranded / with core end processing / maximum

mm²

4

— stranded / minimum

mm²

1

— stranded / maximum

mm²

6

- for auxiliary contacts

— single or multi-stranded / minimum

mm²

0.75

— single or multi-stranded / maximum

mm²

4

— finely stranded / with core end processing / minimum

mm²

0.75

— finely stranded / with core end processing / maximum

mm²

2.5

— stranded / minimum

mm²

0.75

— stranded / maximum

mm²

4

Type of connectable conductor cross-section

- for main contacts / finely stranded

— with core end processing

4

- for auxiliary contacts

— solid

50

— finely stranded / with core end processing

2x (0.75 ... 1.5 mm²), 1x 2.5 mm²

Design of the electrical connection

- for main current circuit

connection terminals

- 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	mm	152
Width	mm	100
Depth	mm	117
Mounting type		floor mounting
Mounting type		
• front mounting		No
• front mounting with 4-hole attachment		No
• front mounting with central attachment		Yes
• Side-by-side mounting		No
• rail mounting		No

Environmental conditions

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

Certificates

Reference code		
• acc. to DIN EN 61346-2		S

General Product Approval

Test Certificates



[Special Test Certificate](#)

Shipping Approval

other



[Declaration of Conformity](#)

[Environmental Confirmations](#)

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/3LD20641GP53>

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

<http://support.automation.siemens.com/WW/view/en/3LD20641GP53/all>

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

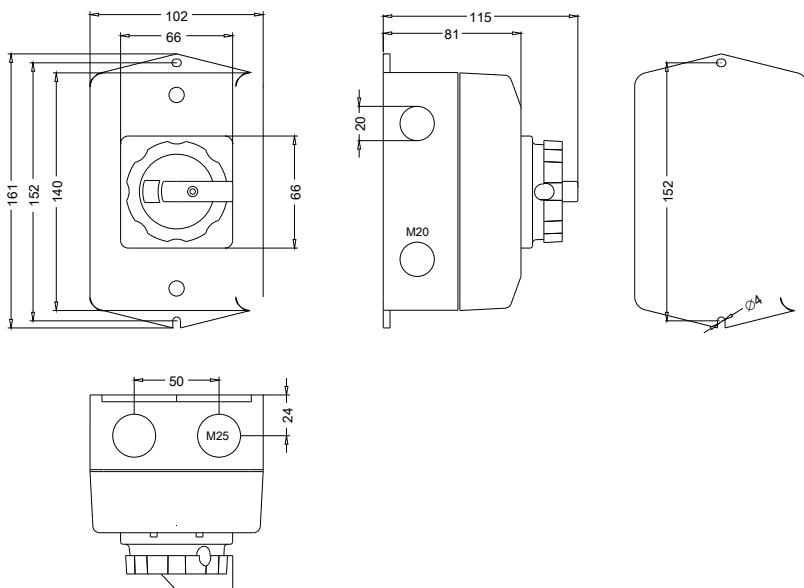
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD20641GP53

CAX-Online-Generator

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

Tender specifications

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



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