



EMERG. STOP SWITCH 4-POLE IU=16,
P/AC-23A AT 400V=7.5KW FRONT MOUNTING FOUR-
HOLE MOUNTING ROTARY ACTUATOR RED/YELLOW
(EMERG. STOP)

Similar to image

General technical details:

product brand name		SETRON
Product designation		main and EMERGENCY-OFF switches
Type from device		fixed mounting
Design of the operating mechanism		rotary actuator, red/yellow
Protection class IP		IP65
Number of poles		4
Acceptability for application		
• switch disconnecter		Yes
• main switch		Yes
• safety cut-out switch		Yes
• emergency stop switch		Yes
• maintenance/repair switch		Yes
Product equipment / interlock		Yes
Type of the driving mechanism / motor drive		No
Product extension / optional		
• motor drive		No
• voltage trigger		No
Ambient temperature / during operating	°C	-25 ... +55

Insulation voltage / rated value	V	690
Impulse voltage resistance / rated value	V	6,000
Active power loss / per conductor / typical	W	0.5
Mechanical operating cycles as operating time / of the main contacts / typical		100,000
Protection against electrical shock		finger-safe
Reference ID / according to DIN EN 61346-2		S
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S

Main circuit:

Continuous current / rated value	A	16
Operating current / at AC-21 / rated value	A	16
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	A	340
Operating frequency	Hz	50 ... 60
Operating voltage / at 50/60 Hz / for AC / rated value	V	690
Service power / at AC-3		
• at 400 V / rated value	kW	5.5
• at 690 V / rated value	kW	5.5
Service power / at AC-23 A		
• at 400 V / rated value	kW	7.5
• at 690 V / rated value	kW	7.5
Operating cycles / maximum	1/h	50

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of changeover contacts / for auxiliary contacts		0
Continuous current / of the auxiliary contact / rated value	A	10
Operating voltage / of the auxiliary contacts / for AC / maximum	V	500
Insulation voltage / of the auxiliary switch / rated value	V	500

Short-circuit:

Design of the fuse link / for short-circuit protection of the main circuit / necessary		fuse gL/gG: 20 A
Design of the fuse link / for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A

Installation/mounting/dimensions:

Mounting type		front mounting
• front mounting		Yes
• front mounting with central attachment		No

• front mounting with 4-hole attachment		Yes
• series installation		Yes
• rail mounting		No
Width	mm	67
Height	mm	84
Depth	mm	92.5

Connection type:

Design of the electrical connection / for main current circuit		connection terminals
Design of the electrical connection / for auxiliary contact		connection terminals
Type of the connectable conductor cross-section		-
Type of the connectable conductor cross-section		-
Conductor cross section that can be connected / for main contacts		
• single- or multi-stranded		
• minimum	mm ²	1
• maximum	mm ²	6
• stranded		
• minimum	mm ²	1
• maximum	mm ²	6
• stranded wire / with conductor end processing / maximum	mm ²	4
Conductor cross section that can be connected / for auxiliary contacts		
• single- or multi-stranded		
• minimum	mm ²	0.75
• maximum	mm ²	4
• stranded		
• min.	mm ²	0.75
• max.	mm ²	4
• finely stranded / with conductor end processing		
• minimum	mm ²	0.75
• maximum	mm ²	2.5
Type of connectable conductor cross section / for auxiliary contacts		
• finely stranded / with conductor end processing		2x (0.75 ... 1.5 mm ²), 1x 2.5 mm ²

Certificates/approvals:

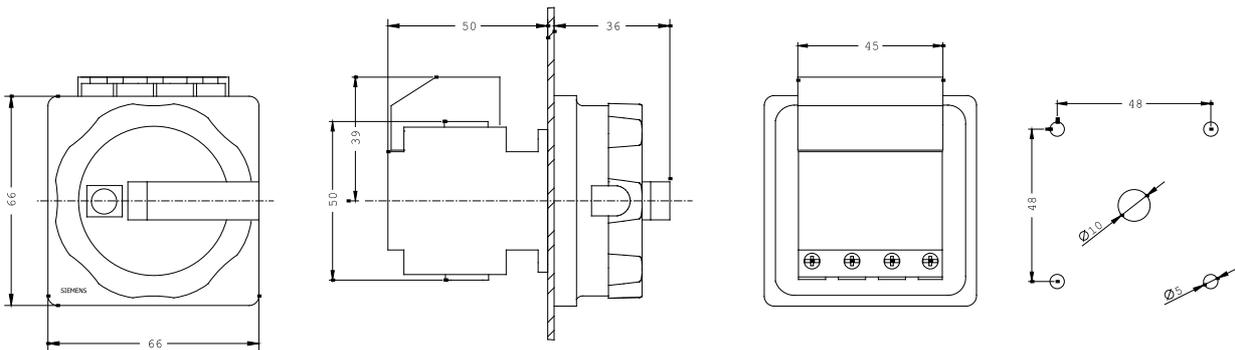
Verification of suitability		-
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General Product Approval**Test Certificates**[Special Test Certificate](#)**Shipping Approval**

GL



LRS

other[Declaration of Conformity](#)[other](#)[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/3LD2003-1TL53>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/3LD2003-1TL53/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2003-1TL53**CAX-Online-Generator**<http://www.siemens.com/cax>**last change:**

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