

MAIN/EMERG. STOP SWITCH 3-POLE IU=25,
P/AC-23A AT 400V=9.5KW FRONT MOUNTING FOUR-
HOLE MOUNTING KNOB RED/YELLOW (EMERG. STOP)

General technical details:

product brand name		SETRON
product designation		main and EMERGENCY-OFF switches
Type from device		fixed mounting
Design of the operating mechanism		knob-operated mechanism, red/yellow
Protection class IP		IP65
Number of poles		3
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	1.1
Mechanical operating cycles as operating time / of the main contacts / typical		100,000
Protection against electrical shock		finger-safe
Item designation / according to DIN EN 61346-2		S
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S

Main circuit:

Continuous current / rated value	A	25
Operating current / at AC-21 / rated value	A	25

Short-time current resistance (I_{cw}) / at 690 V / limited to 1 s / rated value	A	640
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 • at 690 V / rated value	kW kW	7.5 7.5
Service power / at AC-23 A • at 400 V / rated value • at 690 V / rated value	kW kW	9.5 9.5
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 change-over switches / 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: 25 A
Design of the fuse link / for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A

Installation/mounting/dimensions:

Type of mounting • front mounting • front mounting with central fixation • front mounting with 4-hole fixation • series installation • Rail installation		front mounting Yes No Yes Yes No
Width	mm	49
Height	mm	71
Depth	mm	85.5

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 / for main contacts • finely stranded / with conductor end processing		10 mm ²

Type of connectable conductor cross section / for auxiliary contacts • solid • finely stranded / with conductor end processing • stranded	2x (0.75 to 2.5 mm ²), 1x 4 mm ² 2x (0.75 ... 1.5 mm ²), 1x 2.5 mm ² 2x (0.75 ... 2.5 mm ²), 1x 4 mm ²
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Certificates/approvals:		
Verification of suitability		CSA / UL / CCC / GL / LRS / DNV / PRS
Conductor cross section that can be connected / for main contacts / solid / minimum	mm ²	1.5
Conductor cross section that can be connected / for main contacts / solid / maximum	mm ²	16
Conductor cross section that can be connected / for main contacts / stranded / minimum	mm ²	1.5
Conductor cross section that can be connected / for main contacts / stranded / maximum	mm ²	16
Conductor cross-section that can be connected / for main contacts / stranded wire / with conductor end processing / maximum	mm ²	10
Conductor cross-section that can be connected / for auxiliary contact / solid / minimum	mm ²	0.75
Conductor cross-section that can be connected / for auxiliary contact / solid / maximum	mm ²	4
Conductor cross-section that can be connected / for auxiliary contact / finely stranded / with conductor end processing / minimum	mm ²	0.75
Conductor cross-section that can be connected / for auxiliary contact / finely stranded / with conductor end processing / maximum	mm ²	2.5
Conductor cross section that can be connected / for auxiliary contacts / stranded / min.	mm ²	0.75
Conductor cross section that can be connected / for auxiliary contacts / stranded / max.	mm ²	4

Certificates/approvals:				
General Product Approval				Test Certificates
 CCC	 CSA	 GOST	 UL	Special Test Certificate
Shipping Approval			other	
 GL	 LRS	 PRS	Declaration of Conformity	Environmental Confirmations

Further information:	
Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs	

Industry Mall (Online ordering system)

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

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

<http://support.automation.siemens.com/WW/view/en/3LD2122-0TK13/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2122-0TK13

CAX-Online-Generator

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

last change:

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