

EMERG. STOP SWITCH 3-POLE IU=32, P/AC-23A AT
400V=8.5KW FRONT MOUNTING CENTER HOLE
MOUNTING 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
Operating frequency / maximum	1/h	50
Voltage		
Insulation voltage		
• Rated value	V	415
Surge voltage resistance		
• Rated value	V	6 000
Protection class		
Protection class IP		IP65
Electricity		
Continuous current		
• Rated value	A	32
Net weight	g	206
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	8.5
• at AC-3 / at 400 V / Rated value	kW	7.5
Operating voltage		
• with AC / at 50/60 Hz / Rated value	V	415
Operating current / at AC-21		
• Rated value	A	32

Auxiliary circuit

Number of CO contacts		0
• for auxiliary contacts		
Number of NC contacts		0
• for auxiliary contacts		
Number of NO contacts		0
• for auxiliary contacts		
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		No
— Voltage trigger		No

Connections

Connectable conductor cross-section		
• for main contacts		
— single or multi-stranded / minimum	mm ²	1.5
— single or multi-stranded / maximum	mm ²	16
— finely stranded / with core end processing / maximum	mm ²	10
— stranded / minimum	mm ²	1.5
— stranded / maximum	mm ²	16
• for auxiliary contacts		
— single or multi-stranded / minimum	mm ²	0.75
— single or multi-stranded / maximum	mm ²	4
— finely stranded / with core end processing / minimum	mm ²	0.75

— finely stranded / with core end processing / maximum	mm ²	2.5
— stranded / minimum	mm ²	0.75
— stranded / maximum	mm ²	4
Type of connectable conductor cross-section		
• for main contacts / finely stranded		
— with core end processing		10
• for auxiliary contacts		
— solid		50
— finely stranded / with core end processing		2x (0.75 ... 1.5 mm ²), 1x 2.5 mm ²
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: 40 A
• for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A

Mechanical Design

Height	mm	83
Width	mm	67
Depth	mm	116.5
Mounting type		front mounting
Mounting type		
• front mounting		Yes
• front mounting with 4-hole attachment		No
• front mounting with central attachment		Yes
• Side-by-side mounting		Yes
• 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



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/3LD22540TK531AA0>

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

<http://support.automation.siemens.com/WW/view/en/3LD22540TK531AA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD22540TK531AA0

CAX-Online-Generator

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

Tender specifications

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

last modified:

04.12.2014