



EMERG. STOP SWITCH 3-POLE IU=16,
P/AC-23A AT 400V=7.5KW FLOOR MOUNTING DIN
RAIL/TWO-HOLE MOUNTING ROTARY ACTUATOR
RED/YELLOW (EMERG. STOP) FOUR-HOLE MOUNTING

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 | | 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 | 0.5 |
| 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 | 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 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: 20 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 | | floor mounting |
| • front mounting | | No |
| • front mounting with central fixation | | No |

| | | |
|---------------------------------------|----|-------|
| • front mounting with 4-hole fixation | | No |
| • series installation | | Yes |
| • Rail installation | | No |
| Width | mm | 67 |
| Height | mm | 84 |
| Depth | mm | 429.5 |

| 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 | | 1 ... 6 mm ² 4 mm ² 1 ... 6 mm ² |
| <ul style="list-style-type: none"> • solid • finely stranded / with conductor end processing • stranded | | |
| Type of connectable conductor cross section / for auxiliary contacts | | 2x (0.75 to 2.5 mm ²), 1x 4 mm ² 2x (0.75 ... 2.5 mm ²), 1x 4 mm ² |
| <ul style="list-style-type: none"> • solid • stranded | | |

| 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 |
| Conductor cross section that can be connected / for main contacts / solid / maximum | mm ² | 6 |
| Conductor cross section that can be connected / for main contacts / stranded / minimum | mm ² | 1 |
| Conductor cross section that can be connected / for main contacts / stranded / maximum | mm ² | 6 |
| Conductor cross-section that can be connected / for main contacts / stranded wire / with conductor end processing / maximum | mm ² | 4 |
| Conductor cross section that can be connected / for auxiliary contacts / solid / minimum | mm ² | 0.75 |
| Conductor cross section that can be connected / for auxiliary contacts / solid / maximum | mm ² | 4 |
| Conductor cross-section that can be connected / for auxiliary contact / stranded wire / with conductor end processing / minimum | mm ² | 0.75 |
| Conductor cross-section that can be connected / for auxiliary contact / stranded wire / 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.

mm²

4

Certificates/approvals:

General Product Approval



CCC



CSA



GOST



UL

Test Certificates

[Special Test Certificate](#)

Shipping Approval



DNV



GL



LRS

other

[Declaration of Conformity](#)



UL

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,...)

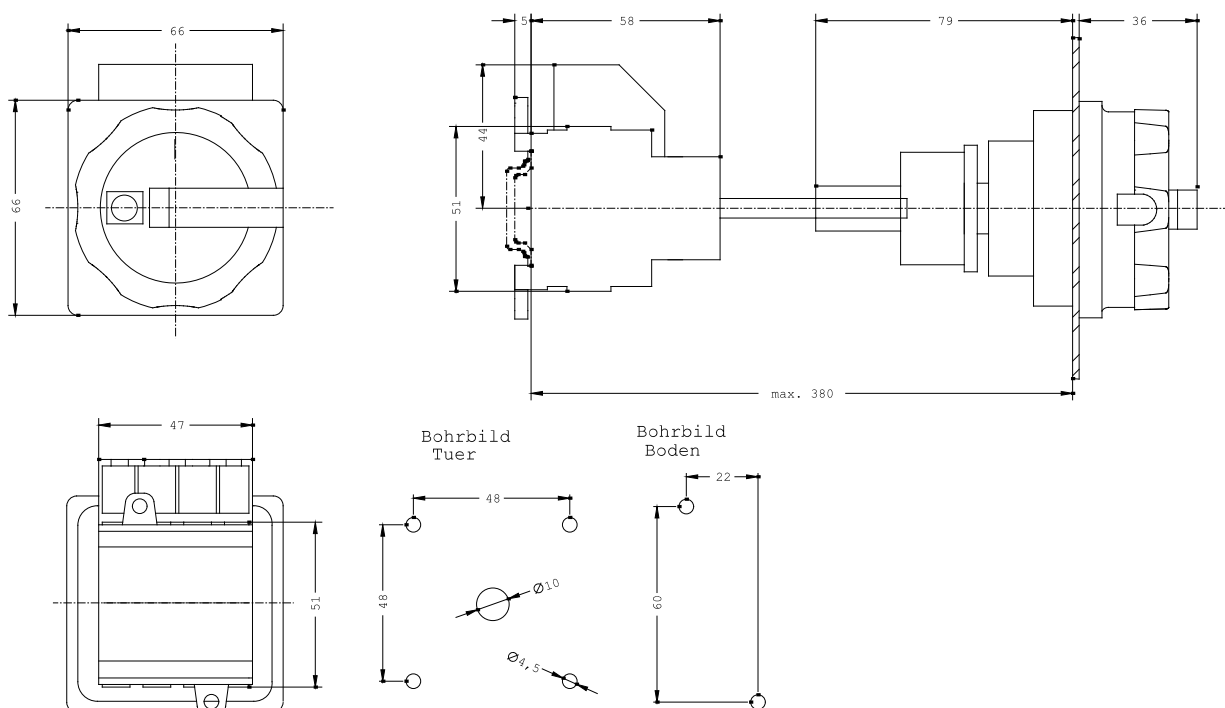
<http://support.automation.siemens.com/WW/view/en/3LD2013-0TK53/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2013-0TK53

CAX-Online-Generator

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



last change:

Apr 9, 2012