



MASTER SWITCH 3-POLE IU=32,  
P/AC-23A W. 400V=11.5KW FLOOR FIXING TOP-HAT  
RAILS/TWO-HOLE FIXING DOOR-COUP. ROT. MECH.  
BLACK WITHOUT TOLERANCE COMP.

Similar to image

| General technical details:                     |   |                                  |
|------------------------------------------------|---|----------------------------------|
| product brand name                             |   | SENTRON                          |
| Product designation                            |   | Main and EMERGENCY-STOP switches |
| Design of the operating mechanism              |   | rotary actuator, black           |
| Type from device                               |   | fixed mounting                   |
| Protection class IP                            |   | IP65                             |
| Number of poles                                |   | 3                                |
| Mounting type                                  |   | floor mounting                   |
| • front mounting                               |   | No                               |
| • rail mounting                                |   | No                               |
| • series installation                          |   | Yes                              |
| Insulation voltage / rated value               | V | 690                              |
| Continuous current / rated value               | A | 32                               |
| Product equipment / interlock                  |   | Yes                              |
| Design of the electrical connection            |   |                                  |
| • for auxiliary contact                        |   | connection terminals             |
| • for main current circuit                     |   | connection terminals             |
| Type of the driving mechanism / motor drive    |   | No                               |
| Number of NC contacts / for auxiliary contacts |   | 0                                |

|                                                                                                  |                 |                                                            |
|--------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------|
| <b>Impulse voltage resistance / rated value</b>                                                  | V               | 6,000                                                      |
| <b>Number of NO contacts / for auxiliary contacts</b>                                            |                 | 0                                                          |
| <b>Number of changeover contacts / for auxiliary contacts</b>                                    |                 | 0                                                          |
| <b>Operating current / at AC-21 / rated value</b>                                                | A               | 32                                                         |
| <b>Operating voltage</b>                                                                         |                 |                                                            |
| • of the auxiliary contacts / for AC / maximum                                                   | V               | 500                                                        |
| • at 50/60 Hz / for AC / rated value                                                             | V               | 690                                                        |
| <b>Service power / at AC-3</b>                                                                   |                 |                                                            |
| • at 400 V / rated value                                                                         | kW              | 9.5                                                        |
| • at 690 V / rated value                                                                         | kW              | 9.5                                                        |
| <b>Short-time current resistance (I<sub>cw</sub>) / at 690 V / limited to 1 s / rated value</b>  | A               | 640                                                        |
| <b>Depth</b>                                                                                     | mm              | 349                                                        |
| <b>Height</b>                                                                                    | mm              | 79                                                         |
| <b>Width</b>                                                                                     | mm              | 67                                                         |
| <b>Mechanical operating cycles as operating time / of the main contacts / typical</b>            |                 | 100,000                                                    |
| <b>Active power loss / per conductor / typical</b>                                               | W               | 1.8                                                        |
| <b>Design of the fuse link / for short-circuit protection of the auxiliary switch / required</b> |                 | fuse gL/gG: 10 A                                           |
| <b>Conductor cross section that can be connected</b>                                             |                 |                                                            |
| • for main contacts                                                                              |                 |                                                            |
| • single- or multi-stranded                                                                      | mm <sup>2</sup> | 1.5 ... 16                                                 |
| • stranded                                                                                       | mm <sup>2</sup> | 1.5 ... 16                                                 |
| • stranded wire / with conductor end processing / maximum                                        | mm <sup>2</sup> | 10                                                         |
| • for auxiliary contacts                                                                         |                 |                                                            |
| • finely stranded                                                                                |                 |                                                            |
| • with conductor end processing                                                                  | mm <sup>2</sup> | 0.75 ... 2.5                                               |
| • single- or multi-stranded                                                                      | mm <sup>2</sup> | 0.75 ... 4                                                 |
| • stranded                                                                                       | mm <sup>2</sup> | 0.75 ... 4                                                 |
| <b>Type of the connectable conductor cross-section</b>                                           |                 |                                                            |
| • for auxiliary contacts / solid                                                                 |                 | 50                                                         |
| • for main contacts / finely stranded / with conductor end processing                            |                 | 10                                                         |
| • for auxiliary contacts                                                                         |                 |                                                            |
| • finely stranded / with conductor end processing                                                |                 | 2x (0.75 ... 1.5 mm <sup>2</sup> ), 1x 2.5 mm <sup>2</sup> |
| <b>Ambient temperature / during operating</b>                                                    | °C              | -25 ... +55                                                |
| <b>Protection against electrical shock</b>                                                       |                 | finger-safe                                                |
| <b>Operating cycles / maximum</b>                                                                | 1/h             | 50                                                         |
| <b>Acceptability for application</b>                                                             |                 |                                                            |
| • main switch                                                                                    |                 | Yes                                                        |

|                                                                                                                                                                                |    |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------|
| <ul style="list-style-type: none"> <li>• switch disconnecter</li> <li>• maintenance/repair switch</li> <li>• safety cut-out switch</li> <li>• emergency stop switch</li> </ul> |    | Yes              |
|                                                                                                                                                                                |    | Yes              |
|                                                                                                                                                                                |    | Yes              |
|                                                                                                                                                                                |    | No               |
| <b>Product extension / optional</b>                                                                                                                                            |    |                  |
| <ul style="list-style-type: none"> <li>• motor drive</li> <li>• voltage trigger</li> </ul>                                                                                     |    | No               |
|                                                                                                                                                                                |    | No               |
| <b>Mounting type</b>                                                                                                                                                           |    |                  |
| <ul style="list-style-type: none"> <li>• front mounting with central attachment</li> <li>• front mounting with 4-hole attachment</li> </ul>                                    |    | No               |
|                                                                                                                                                                                |    | Yes              |
| <b>Operating frequency</b>                                                                                                                                                     |    |                  |
| <ul style="list-style-type: none"> <li>• initial value</li> <li>• final value</li> </ul>                                                                                       | Hz | 50               |
|                                                                                                                                                                                | Hz | 60               |
| <b>Design of the fuse link / for short-circuit protection of the main circuit / necessary</b>                                                                                  |    | fuse gL/gG: 40 A |
| <b>Service power / at AC-23 A</b>                                                                                                                                              |    |                  |
| <ul style="list-style-type: none"> <li>• at 400 V / rated value</li> <li>• at 690 V / rated value</li> </ul>                                                                   | kW | 11.5             |
|                                                                                                                                                                                | kW | 11.5             |
| <b>Insulation voltage / of the auxiliary switch / rated value</b>                                                                                                              | V  | 500              |
| <b>Continuous current / of the auxiliary contact / rated value</b>                                                                                                             | A  | 10               |
| <b>Item designation</b>                                                                                                                                                        |    |                  |
| <ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> </ul>                                                                                                |    | S                |

#### Certificates/approvals:

##### General Product Approval



CCC



CSA



GOST



UL

##### Test Certificates

[Special Test Certificate](#)

##### Shipping Approval



GL

##### 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/3LD2215-0TK51>

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

<http://support.automation.siemens.com/WW/view/en/3LD2215-0TK51/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3LD2215-0TK51](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2215-0TK51)

##### CAX-Online-Generator

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

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**Tender specifications**

[Datanorm](#) [GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)

**last change:**

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