# SIEMENS

MAIN CONTROL SWITCH 3-POLE IU=63,
P/AC-23A AT 400V=22KW 1NO+1 NC,
1 N-TERMINAL ENCAPSUL.IN M.P.ENCLOSURE,
IP65 ROTARY ACTUATOR BLACK METRIC THREAD

Similar to image

## General technical details:

| | | |
|---|---|---|
| **product brand name** | | SENTRON |
| **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 | | No |
| **Insulation voltage / rated value** | V | 690 |
| **Continuous current / rated value** | A | 63 |
| **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** | | 1 |
| **Impulse voltage resistance / rated value** | V | 6,000 |

| | | |
|---|---|---|
| **Number of NO contacts / for auxiliary contacts** | | 1 |
| **Number of changeover contacts / for auxiliary contacts** | | 0 |
| **Operating current / at AC-21 / rated value** | A | 63 |
| **Operating voltage** | | |
| • of the auxiliary contacts / for AC / maximum | V | 500 |
| • at 50/60 Hz / for AC / rated value | V | 690 |
| **Service power / at AC-3** | | |
| • at 400 V / rated value | kW | 18.5 |
| • at 690 V / rated value | kW | 15 |
| **Short-time current resistance (Icw) / at 690 V / limited to 1 s / rated value** | A | 1,260 |
| **Depth** | mm | 149 |
| **Height** | mm | 199 |
| **Width** | mm | 146 |
| **Mechanical operating cycles as operating time / of the main contacts / typical** | | 100,000 |
| **Active power loss / per conductor / typical** | W | 4.5 |
| **Design of the fuse link / for short-circuit protection of the auxiliary switch / required** | | fuse gL/gG: 10 A |
| **Conductor cross section that can be connected** | | |
| • for main contacts | | |
| • single- or multi-stranded | mm² | 2.5 … 35 |
| • stranded | mm² | 2.5 … 35 |
| • stranded wire / with conductor end processing / maximum | mm² | 16 |
| • for auxiliary contacts | | |
| • finely stranded | | |
| • with conductor end processing | mm² | 0.75 … 2.5 |
| • single- or multi-stranded | mm² | 0.75 … 4 |
| • stranded | mm² | 0.75 … 4 |
| **Type of the connectable conductor cross-section** | | |
| • for auxiliary contacts / solid | | 50 |
| • for main contacts / finely stranded / with conductor end processing | | 16 |
| • for auxiliary contacts | | |
| • finely stranded / with conductor end processing | | 2x (0.75 ... 1.5 mm2), 1x 2.5 mm2 |
| **Ambient temperature / during operating** | °C | 25 … 55 |
| **Protection against electrical shock** | | finger-safe |
| **Operating cycles / maximum** | 1/h | 50 |
| **Acceptability for application** | | |
| • main switch | | Yes |
| • switch disconnector | | Yes |

| | | | |
|---|---|---|---|
| • maintenance/repair switch | | | Yes |
| • safety cut-out switch | | | Yes |
| • emergency stop switch | | | No |
| **Product extension / optional** | | | |
| • motor drive | | | No |
| • voltage trigger | | | No |
| **Mounting type** | | | |
| • front mounting with central attachment | | | Yes |
| • front mounting with 4-hole attachment | | | No |
| **Operating frequency** | | | |
| • initial value | | Hz | 50 |
| • final value | | Hz | 60 |
| **Design of the fuse link / for short-circuit protection of the main circuit / necessary** | | | fuse gL/gG: 63 A |
| **Service power / at AC-23 A** | | | |
| • at 400 V / rated value | | kW | 22 |
| • at 690 V / rated value | | kW | 18.5 |
| **Insulation voltage / of the auxiliary switch / rated value** | | V | 500 |
| **Continuous current / of the auxiliary contact / rated value** | | A | 10 |
| **Item designation** | | | |
| • according to DIN EN 61346-2 | | | S |

## Certificates/approvals:

| General Product Approval | Test Certificates | Shipping Approval |
|---|---|---|
| CCC CSA GOST UL | Special Test Certificate | 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/3LD2565-1GP51

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
http://support.automation.siemens.com/WW/view/en/3LD2565-1GP51/all

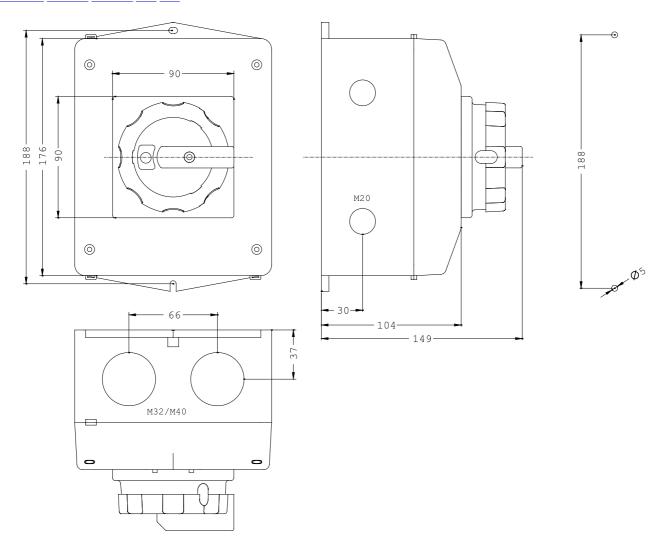**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2565-1GP51

**CAx-Online-Generator**
http://www.siemens.com/cax

**last change:**                                    Aug 23, 2014

---