



SWITCH DISCONNECTOR FUSE NEW DESIGN IU=63A,  
UE=690V,  
3-POLE FOR BS88-FUSE FORM A2/A3 BASIC VERSION  
WITHOUT 8UC6 HANDLE AND SHAFT W. ISOLATING  
PLUG CONN. FOR MCC

Similar to image

### General technical details:

|                                                |  |                                                                  |
|------------------------------------------------|--|------------------------------------------------------------------|
| <b>product brand name</b>                      |  | SENTRON                                                          |
| <b>Product designation</b>                     |  | Switch Disconnecter with Fuses and Isolating Plug Connectors 3KM |
| <b>Number of poles</b>                         |  | 3                                                                |
| <b>Installation size of fuse-link</b>          |  | Form A2/A3                                                       |
| <b>Installation size of disconnecting link</b> |  | Form A2/A3                                                       |
| <b>Acceptability for application</b>           |  |                                                                  |
| • main switch                                  |  | Yes                                                              |
| • switch disconnecter                          |  | Yes                                                              |
| • emergency stop switch                        |  | Yes                                                              |
| • safety cut-out switch                        |  | Yes                                                              |
| • maintenance/repair switch                    |  | Yes                                                              |
| <b>Product extension</b>                       |  |                                                                  |
| • optional / motor drive                       |  | No                                                               |
| • optional / voltage trigger                   |  | No                                                               |
| <b>Design of the operating mechanism</b>       |  | manual operating mechanism                                       |
| <b>Product equipment / interlock</b>           |  | Yes                                                              |
| <b>Type from device</b>                        |  | can be plugged into busbar systems                               |

|                                                                                                |   |                          |
|------------------------------------------------------------------------------------------------|---|--------------------------|
| <b>Type of voltage</b>                                                                         |   | AC/DC                    |
| <b>Continuous current / rated value</b>                                                        | A | 63                       |
| <b>Breaking capacity limit short-circuit current (I<sub>cu</sub>) / at 400 V / rated value</b> |   |                          |
| • optional / interlock                                                                         |   | Yes                      |
| • auxiliary switch                                                                             |   | Yes                      |
| <b>Active power loss</b>                                                                       |   |                          |
| • maximum                                                                                      | W | 8.5                      |
| • per conductor / typical                                                                      | W | 3                        |
| <b>Insulation voltage / rated value</b>                                                        | V | 690                      |
| <b>Impulse voltage resistance / rated value</b>                                                | V | 6,000                    |
| <b>Reference code</b>                                                                          |   |                          |
| • according to DIN EN 61346-2                                                                  |   | Q                        |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750                |   | Q                        |
| <b>Fuse system</b>                                                                             |   | fuses according to BS 88 |

#### Main circuit:

|                                                   |   |                |
|---------------------------------------------------|---|----------------|
| <b>Design of the electrical connection</b>        |   |                |
| • for main current circuit                        |   | flat connector |
| <b>Number of poles / for main current circuit</b> |   | 3              |
| <b>Operating current</b>                          |   |                |
| • at AC-21                                        |   |                |
| • at 500 V / rated value                          | A | 63             |
| • at 690 V / rated value                          | A | 63             |
| • rated value                                     | A | 63             |
| • at AC-22 A                                      |   |                |
| • at 400 V / rated value                          | A | 63             |
| • at 500 V / rated value                          | A | 63             |
| • at 690 V / rated value                          | A | 63             |
| • at AC-23 A                                      |   |                |
| • at 400 V / rated value                          | A | 63             |
| • at 500 V / rated value                          | A | 63             |
| • at 690 V / rated value                          | A | 63             |
| • at AC-3 / at 400 V                              |   |                |
| • rated value                                     | A | 63             |
| • at DC-23 A                                      |   |                |
| • at 400 V / rated value                          | A | 63             |
| <b>Operating power</b>                            |   |                |
| • at AC-23 A                                      |   |                |
| • at 400 V / at 50/60 Hz / rated value            | W | 30,000         |

|                                                               |   |        |
|---------------------------------------------------------------|---|--------|
| • at 500 V / at 50/60 Hz / rated value                        | W | 30,000 |
| • at 690 V / at 50/60 Hz / rated value                        | W | 40,000 |
| <b>Operating voltage / for DC / rated value</b>               | V | 440    |
| <b>Operating voltage / at 50/60 Hz / for AC / rated value</b> | V | 690    |

|                                                               |  |   |
|---------------------------------------------------------------|--|---|
| <b>Auxiliary circuit:</b>                                     |  |   |
| <b>Number of NC contacts / for auxiliary contacts</b>         |  | 0 |
| <b>Number of NO contacts / for auxiliary contacts</b>         |  | 0 |
| <b>Number of changeover contacts / for auxiliary contacts</b> |  | 0 |

|                                            |    |             |
|--------------------------------------------|----|-------------|
| <b>Installation/mounting/dimensions:</b>   |    |             |
| <b>mounting position</b>                   |    | any         |
| <b>Protection against electrical shock</b> |    | finger-safe |
| <b>Design of the load switch</b>           |    |             |
| • Strip form                               |    | No          |
| <b>Type of the driving mechanism</b>       |    |             |
| • motor drive                              |    | No          |
| <b>Mounting type</b>                       |    | clip-on     |
| • rail mounting                            |    | Yes         |
| • front mounting with central attachment   |    | No          |
| • front mounting with 4-hole attachment    |    | No          |
| <b>Width</b>                               | mm | 172         |
| <b>Height</b>                              | mm | 100         |
| <b>Depth</b>                               | mm | 221         |

|                                                      |                   |    |
|------------------------------------------------------|-------------------|----|
| <b>Connections:</b>                                  |                   |    |
| <b>Conductor cross section that can be connected</b> |                   |    |
| • for main contacts                                  |                   |    |
| • stranded                                           | / mm <sup>2</sup> | 35 |

|                                    |    |             |
|------------------------------------|----|-------------|
| <b>Ambient conditions:</b>         |    |             |
| <b>Ambient temperature</b>         |    |             |
| • during operating                 | °C | -25 ... +55 |
| • during storage                   | °C | -50 ... +80 |
| <b>Protection class IP</b>         |    | IP00        |
| <b>Verification of suitability</b> |    | CE          |

|                                |  |  |
|--------------------------------|--|--|
| <b>Certificates/approvals:</b> |  |  |
|--------------------------------|--|--|

| General Product Approval                                                                  | Declaration of Conformity                                                                     | Test Certificates                        | Shipping Approval                                                                                      | other                                                                                     |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <br>GOST | <br>EG-Konf. | <a href="#">Special Test Certificate</a> | <br>BUREAU<br>VERITAS | <br>GL |
|                                                                                           |                                                                                               |                                          |                                                                                                        | <a href="#">other</a>                                                                     |

#### 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/3KM5030-1AG01>

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

<http://support.automation.siemens.com/WW/view/en/3KM5030-1AG01/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KM5030-1AG01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KM5030-1AG01)

##### CAX-Online-Generator

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

##### Tender specifications

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

last change:

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