

SWITCH DISCONNECTOR WITH FUSE IN NEW DESIGN  
 IU=63A,  
 UE=690V,  
 3-POLE FOR BS88-FUSE FORM A2/A3 WITH DOOR  
 DRIVE 8UC7 HANDLE TI-GREY/BL.GREEN BASIC  
 MASKING FRAME LIGHT GRAY



Similar to image

### General technical details:

|                                         |  |                                    |
|-----------------------------------------|--|------------------------------------|
| product brand name                      |  | SETRON                             |
| product designation                     |  | Switch Disconnecter with Fuses 3KL |
| Number of poles                         |  | 3                                  |
| Installation size of fuse-link          |  | Form A2/A3                         |
| Installation size of disconnecting link |  | Form A2/A3                         |
| Acceptability for application           |  |                                    |
| • main switch                           |  | Yes                                |
| • switch disconnecter                   |  | Yes                                |
| • emergency stop switch                 |  | No                                 |
| • safety cut-out switch                 |  | Yes                                |
| • maintenance/repair switch             |  | Yes                                |
| Product extension                       |  |                                    |
| • optional / motor drive                |  | No                                 |
| • optional / voltage trigger            |  | No                                 |
| Design of the operating mechanism       |  | manual operating mechanism         |
| Product equipment / interlock           |  | Yes                                |
| Type from device                        |  | fixed mounting                     |
| type of voltage                         |  | AC/DC                              |

|                                                                                     |   |                          |
|-------------------------------------------------------------------------------------|---|--------------------------|
| <b>Continuous current / rated value</b>                                             | A | 63                       |
| <b>Breaking capacity limit short-circuit current (Icu) / 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>Item designation</b>                                                             |   |                          |
| • according to DIN EN 61346-2                                                       |   | Q                        |
| • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750          |   | Q                        |
| <b>Fuse system</b>                                                                  |   | fuses according to BS 88 |

|                                                   |   |                |
|---------------------------------------------------|---|----------------|
| <b>Main circuit:</b>                              |   |                |
| <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>Service 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 |
| Operating voltage / for DC / rated value               | V | 440    |
| Operating voltage / at 50/60 Hz / for AC / rated value | V | 690    |

| 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 |

| Installation/mounting/dimensions:                                                                                                                                               |    |                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------|
| mounting position                                                                                                                                                               |    | any                                                 |
| Protection against electrical shock                                                                                                                                             |    | finger-safe                                         |
| Design of the load switch <ul style="list-style-type: none"> <li>Strip form</li> </ul>                                                                                          |    | No                                                  |
| Type of the driving mechanism <ul style="list-style-type: none"> <li>motor drive</li> </ul>                                                                                     |    | No                                                  |
| Type of mounting <ul style="list-style-type: none"> <li>Rail installation</li> <li>front mounting with central fixation</li> <li>front mounting with 4-hole fixation</li> </ul> |    | surface mounting and installation<br>No<br>No<br>No |
| Width                                                                                                                                                                           | mm | 120                                                 |
| Height                                                                                                                                                                          | mm | 105                                                 |
| Depth                                                                                                                                                                           | mm | 150                                                 |

| Ambient conditions:                                                                                            |    |                            |
|----------------------------------------------------------------------------------------------------------------|----|----------------------------|
| Ambient temperature <ul style="list-style-type: none"> <li>during operating</li> <li>during storage</li> </ul> | °C | -25 ... +55<br>-50 ... +80 |
| Protection class IP                                                                                            |    | IP00                       |
| Verification of suitability                                                                                    |    | CE                         |

| Certificates/approvals:                                                             |                                                                                     |                                             |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| General Product Approval                                                            |                                                                                     | Test Certificates                           | Shipping Approval                                                                   |                                                                                       |                                                                                       |
|  |  | <a href="#">Special Test Certificate</a>    |  |  |  |
| CCC                                                                                 | GOST                                                                                |                                             | BUREAU<br>VERITAS                                                                   | GL                                                                                    | LRS                                                                                   |
| other                                                                               |                                                                                     |                                             |                                                                                     |                                                                                       |                                                                                       |
| <a href="#">Declaration of Conformity</a>                                           | <a href="#">other</a>                                                               | <a href="#">Environmental Confirmations</a> |                                                                                     |                                                                                       |                                                                                       |

## 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,...)

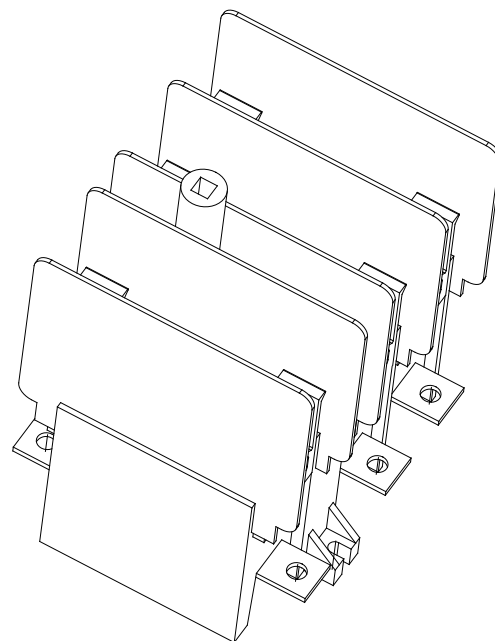
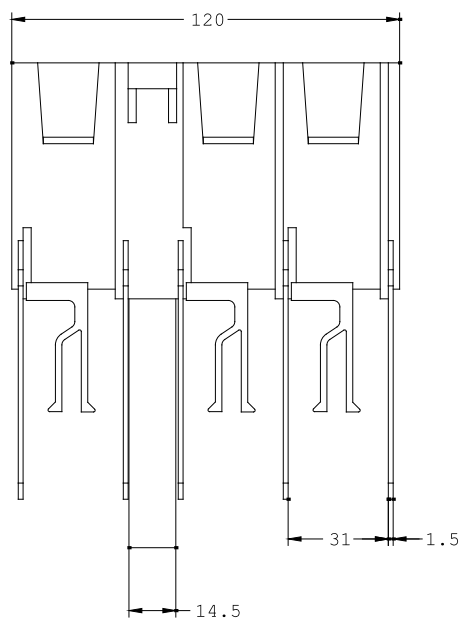
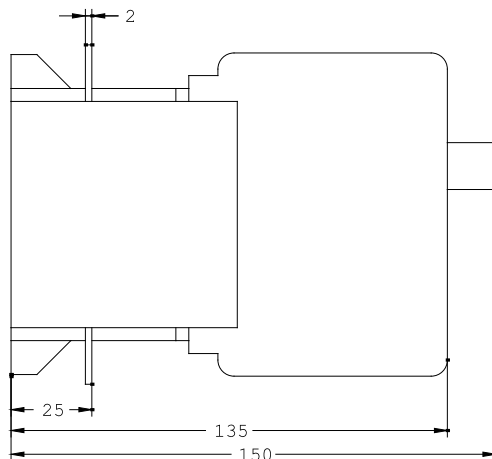
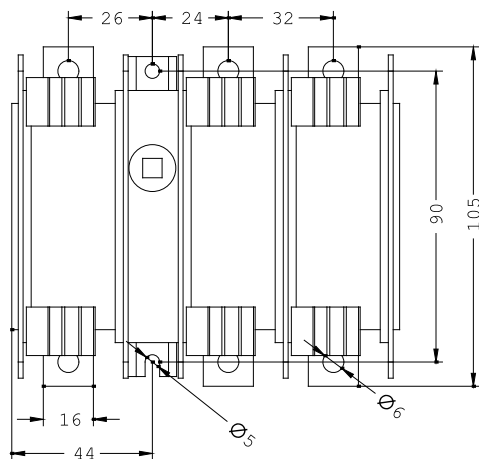
<http://support.automation.siemens.com/WW/view/en/3KL5030-1GG01/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KL5030-1GG01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL5030-1GG01)

### CAX-Online-Generator

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



last change:

Nov 5, 2012