

SWITCH DISCONNECTOR IN NEW DESIGN IU=63A,  
UE=690V,  
3-POLE 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 3KA    |
| Number of poles                   |   | 3                          |
| Acceptability for application     |   |                            |
| • main switch                     |   | Yes                        |
| • switch disconnecter             |   | Yes                        |
| • emergency stop switch           |   | Yes                        |
| • 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                      |
| Continuous current / rated value  | A | 63                         |

|                                                                                     |    |       |
|-------------------------------------------------------------------------------------|----|-------|
| <b>Breaking capacity limit short-circuit current (Icu) / at 400 V / rated value</b> | kA | 50    |
| • optional / interlock                                                              |    | Yes   |
| • auxiliary switch                                                                  |    | Yes   |
| <b>Active power loss</b>                                                            |    |       |
| • maximum                                                                           | W  | 7     |
| • per conductor / typical                                                           | W  | 2     |
| <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     |

#### Main circuit:

|                                                   |   |                |
|---------------------------------------------------|---|----------------|
| <b>Design of the electrical connection</b>        |   | flat connector |
| • for main current circuit                        |   |                |
| <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         |
| <b>Operating voltage / for DC / rated value</b>   | 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              |    |                |
| • Strip form                           |    | No             |
| Type of the driving mechanism          |    |                |
| • motor drive                          |    | No             |
| Type of mounting                       |    | floor mounting |
| • Rail installation                    |    | No             |
| • front mounting with central fixation |    | No             |
| • front mounting with 4-hole fixation  |    | No             |
| Width                                  | mm | 120            |
| Height                                 | mm | 105            |
| Depth                                  | mm | 150            |

  

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

  

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

  

|                         |  |  |
|-------------------------|--|--|
| Certificates/approvals: |  |  |
|-------------------------|--|--|

| General Product Approval                                                                  | Test Certificates                        | Shipping Approval                                                                                      |                                                                                         |                                                                                            |                                                                                            |
|-------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <br>GOST | <a href="#">Special Test Certificate</a> | <br>BUREAU<br>VERITAS | <br>GL | <br>LRS | <br>PRS |

#### other

[Declaration of Conformity](#)      [other](#)

#### 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/3KA5030-1GE01/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KA5030-1GE01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KA5030-1GE01)

##### CAX-Online-Generator

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

last change:

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