

Switch disconnecter with fuse in new design  $I_u=125\text{ A}$ ,  $U_e = 690\text{ V}$ , 4-pole for BS88 fuse form A2/A3 basic version without 8UC6 handle and shaft 4th pole selectable, without fuse



Figure similar

| Model                                       |                               |
|---------------------------------------------|-------------------------------|
| product brand name                          | SENTRON                       |
| Product designation                         | Switch disconnecter           |
| Design of the product                       | With 3KL fuses                |
| version                                     | Basic version without handle  |
| Design type                                 | For mounting and installation |
| Design of the operating mechanism           | manual operating mechanism    |
| Design of the load switch / Strip form      | No                            |
| Type of the driving mechanism / motor drive | No                            |
| number of poles                             | 4                             |
| Size of disconnecting link                  | Form A2/A3                    |
| Fuse system                                 | fuses according to BS 88      |
| Insulation voltage / rated value            | 1 000 V                       |
| Surge voltage resistance / rated value      | 8 000 V                       |
| Supply voltage                              |                               |
| type of voltage                             | AC/DC                         |
| Operating voltage                           |                               |

- at AC / at 50/60 Hz / rated value 690 V
- at DC / rated value 440 V

### Protection class

Protection class IP IP00

### Dissipation

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 7.3 W

### Current

Operating current / at AC-21 / rated value 125 A

Continuous current / rated value 125 A

Let-through current / I<sub>2 t</sub> / maximum permissible / in utilization category / AC-22 B / at 400 V 223 000 A<sup>2</sup>·s

### Main circuit

Number of poles / for main current circuit 4

Operating power

- at AC-23 A / at 400 V / at 50/60 Hz / rated value 65 000 W
- at AC-23 A / at 500 V / rated value 65 000 W
- at AC-23 A / at 690 V / at 50/60 Hz / rated value 90 000 W

Operating current / rated value 125 A

Rated current I<sub>e</sub> / maximum / in utilization category

- AC-21 A / at 400 V 125 A
- AC-21 A / at 500 V 125 A
- AC-21 B / at 400 V 125 A
- AC-21 B / at 500 V 125 A
- AC-22 A / at 400 V 125 A
- AC-22 A / at 500 V 125 A
- AC-22 B / at 400 V 125 A
- AC-22 B / at 500 V 125 A

### Auxiliary circuit

Number of CO contacts / for auxiliary contacts 0

Number of NC contacts / for auxiliary contacts 0

Number of NO contacts / for auxiliary contacts 0

Product feature / interlock Yes

### Short circuit

Conditional rated short-circuit current

- 400V 100 kA
- 500V 100 kA
- in utilization category / AC-21 A / at 400 V 100 kA
- in utilization category / AC-21 A / at 500 V 100 kA
- in utilization category / AC-21 B / at 400 V 100 kA

- |                                                |        |
|------------------------------------------------|--------|
| • in utilization category / AC-21 B / at 500 V | 100 kA |
| • in utilization category / AC-22 A / at 400 V | 100 kA |
| • in utilization category / AC-22 A / at 500 V | 100 kA |
| • in utilization category / AC-22 B / at 400 V | 100 kA |
| • in utilization category / AC-22 B / at 500 V | 100 kA |

### Connections

|                                                         |                         |
|---------------------------------------------------------|-------------------------|
| Connectable conductor cross-section / for main contacts |                         |
| • stranded / maximum                                    | 70 mm <sup>2</sup>      |
| Type of connection, main circuit                        | flat pad connection, M6 |

### Mechanical Design

|                                                          |                                   |
|----------------------------------------------------------|-----------------------------------|
| Height                                                   | 106 mm                            |
| Width                                                    | 215 mm                            |
| Depth                                                    | 143 mm                            |
| Type of mounting                                         | fixed mounted                     |
| Mounting type                                            | Surface mounting and installation |
| • Mounting type / front mounting with 4-hole attachment  | No                                |
| • Mounting type / front mounting with central attachment | No                                |
| • mounting type / rail mounting                          | No                                |
| mounting position                                        | any                               |

### Environmental conditions

|                                        |        |
|----------------------------------------|--------|
| Ambient temperature / during operation |        |
| • minimum                              | -25 °C |
| • maximum                              | 55 °C  |
| Ambient temperature / during storage   |        |
| • minimum                              | -50 °C |
| • maximum                              | 80 °C  |

### Certificates

|                                           |    |
|-------------------------------------------|----|
| certificate of suitability                | CE |
| • reference code / acc. to DIN EN 61346-2 | Q  |

| Declaration of Conformity                                                                       | Test Certificates                        | Shipping Approval                                                                                     | other                                                                                      |                                             |                               |
|-------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------|
| <br>EG-Konf. | <a href="#">Special Test Certificate</a> | <br>BUREAU VERITAS | <br>LRS | <a href="#">Environmental Confirmations</a> | <a href="#">Miscellaneous</a> |

### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3KL5240-1AG01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KL5240-1AG01>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=3KL5240-1AG01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3KL5240-1AG01)

**CAX-Online-Generator**

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

**Tender specifications**

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

