

SWITCH DISCONNECTOR 80A, SIZE 2, 6-POLE DC  
FRONT DRIVE CENTER BASIC UNIT WITHOUT  
HANDLE BOX TERMINAL



Figure similar

| Model                                                                                                |    |                          |
|------------------------------------------------------------------------------------------------------|----|--------------------------|
| product brand name                                                                                   |    | SENTRON                  |
| Product designation                                                                                  |    | Switching device         |
| Design of the product                                                                                |    | 3KD switch disconnectors |
| Design of the operating mechanism                                                                    |    | without                  |
| Design of handle                                                                                     |    | without                  |
| Type of the driving mechanism / motor drive                                                          |    | No                       |
| General technical data                                                                               |    |                          |
| Number of poles                                                                                      |    | 6                        |
| Type of device                                                                                       |    | fixed mounting           |
| circuit-breaker / Design                                                                             |    | 3KD2                     |
| Mechanical service life (switching cycles) / typical                                                 |    | 15 000                   |
| Overvoltage category                                                                                 |    | III                      |
| Voltage                                                                                              |    |                          |
| Surge voltage resistance / Rated value                                                               | kV | 8                        |
| Protection class                                                                                     |    |                          |
| Protection class IP                                                                                  |    | IP20                     |
| Protection class IP / on the front                                                                   |    | IP20                     |
| Dissipation                                                                                          |    |                          |
| Active power loss                                                                                    |    |                          |
| <ul style="list-style-type: none"> <li>with conventional rated thermal current / per pole</li> </ul> | W  | 2                        |
| Electricity                                                                                          |    |                          |

|                           |   |    |
|---------------------------|---|----|
| <b>Continuous current</b> |   |    |
| • Rated value             | A | 80 |
| • at 40 °C / Rated value  | A | 80 |
| • at 45 °C / Rated value  | A | 80 |
| • at 50 °C / Rated value  | A | 80 |
| • at 55 °C / Rated value  | A | 80 |
| • at 60 °C / Rated value  | A | 80 |
| • at 65 °C / Rated value  | A | 80 |
| • at 70 °C / Rated value  | A | 80 |

|                                                |  |   |
|------------------------------------------------|--|---|
| <b>Auxiliary circuit</b>                       |  |   |
| Number of CO contacts / for auxiliary contacts |  | 4 |
| Number of NC contacts / for auxiliary contacts |  | 0 |
| Number of NO contacts / for auxiliary contacts |  | 0 |

|                             |  |     |
|-----------------------------|--|-----|
| <b>Suitability</b>          |  |     |
| <b>Suitability for use</b>  |  |     |
| • Main switch               |  | Yes |
| • switch disconnecter       |  | Yes |
| • EMERGENCY OFF switch      |  | Yes |
| • safety switch             |  | Yes |
| • maintenance/repair switch |  | Yes |

|                                             |  |     |
|---------------------------------------------|--|-----|
| <b>Product details</b>                      |  |     |
| Product feature / interlock                 |  | No  |
| <b>Product component</b>                    |  |     |
| • Trip indicator                            |  | No  |
| • Voltage trigger                           |  | No  |
| • undervoltage release                      |  | No  |
| • undervoltage release with leading contact |  | No  |
| <b>Product expansion</b>                    |  |     |
| • Auxiliary switch                          |  | Yes |
| • optional                                  |  |     |
| — motor drive                               |  | No  |
| — Voltage trigger                           |  | No  |

|                                      |  |              |
|--------------------------------------|--|--------------|
| <b>Connections</b>                   |  |              |
| <b>Type of electrical connection</b> |  |              |
| • for main current circuit           |  | Box terminal |

|                          |    |     |
|--------------------------|----|-----|
| <b>Mechanical Design</b> |    |     |
| Height                   | mm | 126 |
| Width                    | mm | 202 |
| Depth                    | mm | 68  |
| mounting position        |    | any |

|                                          |   |                                                                     |
|------------------------------------------|---|---------------------------------------------------------------------|
| <b>Mounting type</b>                     |   | Floor mounting and snap-on mounting to 35 mm standard mounting rail |
| <b>Mounting type</b>                     |   |                                                                     |
| • front mounting with 4-hole attachment  |   | No                                                                  |
| • front mounting with central attachment |   | No                                                                  |
| • rail mounting                          |   | Yes                                                                 |
| <b>Net weight</b>                        | g | 1 850                                                               |

#### Environmental conditions

|                              |    |     |
|------------------------------|----|-----|
| <b>Ambient temperature</b>   |    |     |
| • during operation / minimum | °C | -25 |
| • during operation / maximum | °C | 70  |
| • during storage / minimum   | °C | -50 |
| • during storage / maximum   | °C | 80  |

#### Certificates

|                                            |  |   |
|--------------------------------------------|--|---|
| Equipment marking / acc. to DIN EN 61346-2 |  | Q |
|--------------------------------------------|--|---|

#### Declaration of Conformity



#### 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/3KD28602NE200>

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

<http://support.automation.siemens.com/WW/view/en/3KD28602NE200/all>

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

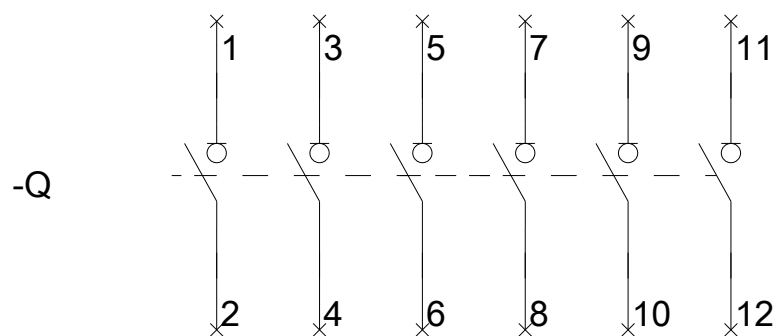
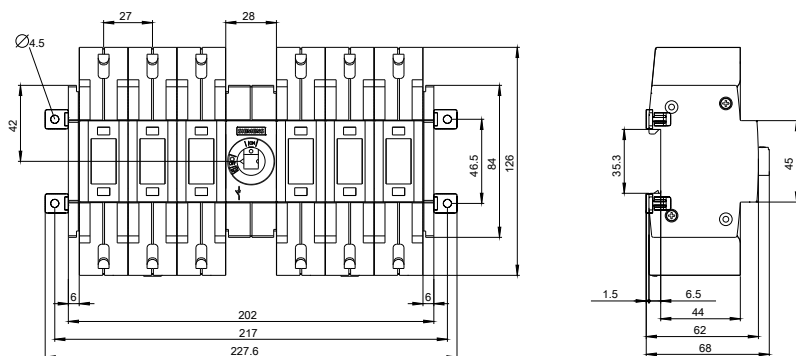
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KD28602NE200](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD28602NE200)

##### CAX-Online-Generator

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

##### Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>



**last modified:**

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