

SWITCH DISCONNECTOR 1250A, SIZE 5, 6-POLE DC  
FRONT DRIVE CENTER BASIC UNIT WITHOUT  
HANDLE FLAT-TYPE 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                                                                             |    | 3KD5                     |
| Mechanical service life (switching cycles) / typical                                                 |    | 6 000                    |
| Overvoltage category                                                                                 |    | IV                       |
| Voltage                                                                                              |    |                          |
| Surge voltage resistance / Rated value                                                               | kV | 12                       |
| Protection class                                                                                     |    |                          |
| Protection class IP                                                                                  |    | IP00                     |
| Protection class IP / on the front                                                                   |    | IP00                     |
| Dissipation                                                                                          |    |                          |
| Active power loss                                                                                    |    |                          |
| <ul style="list-style-type: none"> <li>with conventional rated thermal current / per pole</li> </ul> | W  | 70                       |
| Electricity                                                                                          |    |                          |

|                           |   |       |
|---------------------------|---|-------|
| <b>Continuous current</b> |   |       |
| • Rated value             | A | 1 250 |
| • at 40 °C / Rated value  | A | 1 250 |
| • at 45 °C / Rated value  | A | 1 250 |
| • at 50 °C / Rated value  | A | 1 250 |
| • at 55 °C / Rated value  | A | 1 250 |
| • at 60 °C / Rated value  | A | 1 250 |
| • at 65 °C / Rated value  | A | 1 250 |
| • at 70 °C / Rated value  | A | 1 250 |

## Main circuit

|                                                     |    |     |
|-----------------------------------------------------|----|-----|
| <b>Operating power</b>                              |    |     |
| • at AC-23 A / at 400 V / at 50/60 Hz / Rated value | kW | 400 |
| • at AC-23 A / at 500 V / at 50/60 Hz / Rated value | kW | 560 |
| • at AC-23 A / at 690 V / at 50/60 Hz / Rated value | kW | 800 |

## Auxiliary circuit

|                                                |  |   |
|------------------------------------------------|--|---|
| Number of CO contacts / for auxiliary contacts |  | 0 |
| Number of NC contacts / for auxiliary contacts |  | 8 |
| Number of NO contacts / for auxiliary contacts |  | 8 |

## Suitability

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

## Product details

|                                             |  |     |
|---------------------------------------------|--|-----|
| 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  |

## Connections

### Type of electrical connection

- for main current circuit

flat connector

## Mechanical Design

### Height

mm 310

### Width

mm 652

### Depth

mm 152.5

### mounting position

any

### Mounting type

floor mounting

### Mounting type

- front mounting with 4-hole attachment
- front mounting with central attachment
- rail mounting

No

No

No

### Net weight

g 25 500

## Environmental conditions

### Ambient temperature

- during operation / minimum
- during operation / maximum
- during storage / minimum
- during storage / maximum

°C -25

°C 70

°C -50

°C 80

## Certificates

Equipment marking / acc. to DIN EN 61346-2

Q

## Declaration of Conformity



EG-Konf.

## 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/3KD52600RE200>

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

<http://support.automation.siemens.com/WW/view/en/3KD52600RE200/all>

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

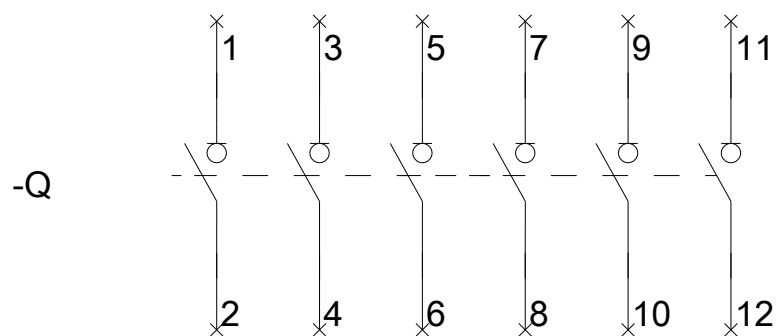
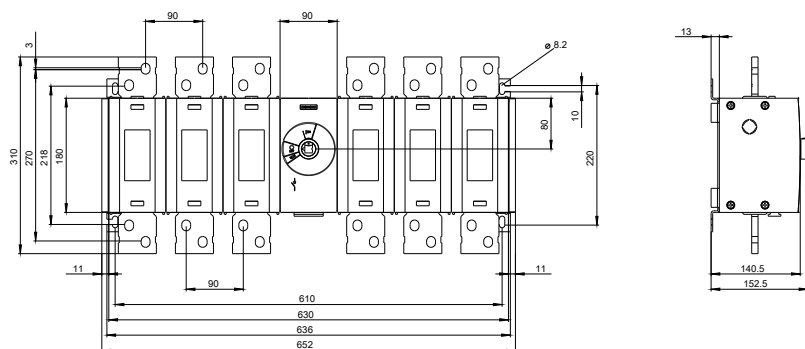
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KD52600RE200](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD52600RE200)

CAX-Online-Generator

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

Tender specifications

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



**last modified:**

05.05.2015