



Figure similar

SWITCH DISCONNECTOR 80A, SIZE 2, 3-POLE  
LATERAL DRIVE LEFT BASIC UNIT WITHOUT  
HANDLE FLAT-TYPE TERMINAL INCL. PHASE  
BARRIERS

| 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                                                                                      |    | 3                        |
| Type of device                                                                                       |    | fixed mounting           |
| circuit-breaker / Design                                                                             |    | 3KD2                     |
| Mechanical service life (switching cycles) / typical                                                 |    | 15 000                   |
| Overvoltage category                                                                                 |    | III                      |
| Voltage                                                                                              |    |                          |
| Insulation voltage / Rated value                                                                     | V  | 1 000                    |
| Surge voltage resistance / Rated value                                                               | kV | 8                        |
| 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  | 2                        |

## Electricity

### Continuous current

|                          |   |    |
|--------------------------|---|----|
| • 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 |

Short-time current resistance (I<sub>cw</sub>) / limited to 1 s /  
Rated value

kA 4

## Main circuit

### Operating power

|                                                     |    |    |
|-----------------------------------------------------|----|----|
| • at AC-23 A / at 400 V / at 50/60 Hz / Rated value | kW | 37 |
| • at AC-23 A / at 500 V / at 50/60 Hz / Rated value | kW | 55 |
| • at AC-23 A / at 690 V / at 50/60 Hz / Rated value | kW | 75 |

### Operating voltage

|                                       |   |     |
|---------------------------------------|---|-----|
| • with AC / at 50/60 Hz / Rated value | V | 690 |
|---------------------------------------|---|-----|

## Auxiliary circuit

|                                                |  |   |
|------------------------------------------------|--|---|
| Number of CO contacts / for auxiliary contacts |  | 3 |
| Number of NC contacts / for auxiliary contacts |  | 0 |
| Number of NO contacts / for auxiliary contacts |  | 0 |

## Suitability

### Suitability for use

|                             |     |
|-----------------------------|-----|
| • 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
- optional
  - motor drive
  - Voltage trigger

Yes

No

No

## Connections

### Type of electrical connection

- for main current circuit

flat connector

## Mechanical Design

### Height

mm

126

### Width

mm

130.3

### Depth

mm

69.5

### mounting position

any

### Mounting type

Floor mounting and snap-on mounting to 35 mm standard mounting rail

### Mounting type

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

No

No

Yes

### Net weight

g

800

## Environmental conditions

### Degree of pollution

3

### 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,...)

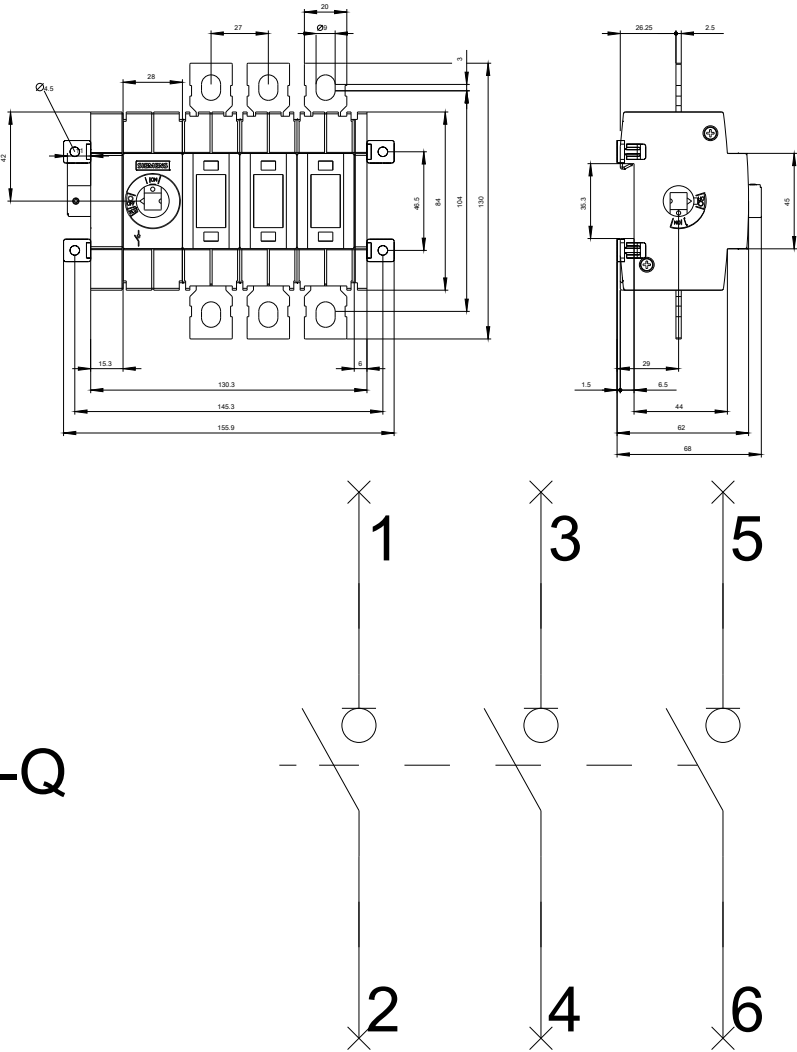
<http://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD28340NE100>

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

<http://support.automation.siemens.com/WW/view/en/3KD28340NE100/all>



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