

SWITCH DISCONNECTOR 500A, SIZE 4, 6-POLE DC
FRONT DRIVE CENTER BASIC UNIT WITHOUT
HANDLE FLAT-TYPE TERMINAL

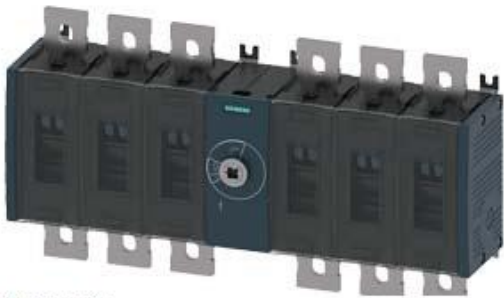


Figure similar

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		3KD4
Mechanical service life (switching cycles) / typical		8 000
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		
• with conventional rated thermal current / per pole	W	15
Electricity		

Continuous current		
• Rated value	A	500
• at 40 °C / Rated value	A	500
• at 45 °C / Rated value	A	500
• at 50 °C / Rated value	A	500
• at 55 °C / Rated value	A	500
• at 60 °C / Rated value	A	500
• at 65 °C / Rated value	A	500
• at 70 °C / Rated value	A	500

Main circuit

Operating power		
• at AC-23 A / at 400 V / at 50/60 Hz / Rated value	kW	280
• at AC-23 A / at 500 V / at 50/60 Hz / Rated value	kW	355
• at AC-23 A / at 690 V / at 50/60 Hz / Rated value	kW	500

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

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
Product component		
• Trip indicator		No
• Voltage trigger		No
• undervoltage release		No
• undervoltage release with leading contact		No
Product expansion		
• 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 235

Width

mm 440

Depth

mm 110

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 10 800

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

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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/3KD44600QE200>

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

<http://support.automation.siemens.com/WW/view/en/3KD44600QE200/all>

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

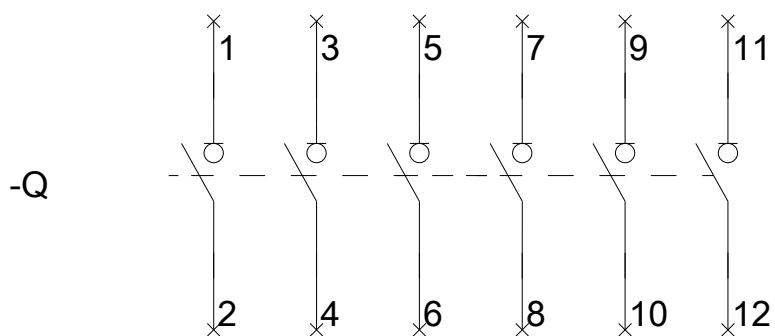
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD44600QE200

CAX-Online-Generator

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

Tender specifications

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



last modified:

05.05.2015