## **SIEMENS**

## Data sheet

## 3KD4844-0QE40-0

SWITCH-DISCONNECTOR 800A, FRAME SIZE 4, 4-POLE SIDE OPERATING RIGHT BASIC UNIT WITHOUT HANDLE FLAT TERMINAL



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		4
Type of device		fixed mounting
circuit-breaker / Design		3KD4
Mechanical service life (switching cycles) / typical		8 000
Overvoltage category		IV
Voltage		
Insulation voltage / Rated value	V	1 000
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> <li>with conventional rated thermal current / per pole</li> </ul>	W	35

Electricity		
Continuous current		
Rated value	А	800
• at 40 °C / Rated value	А	800
● at 45 °C / Rated value	А	800
● at 50 °C / Rated value	А	800
● at 55 °C / Rated value	А	800
● at 60 °C / Rated value	А	630
● at 65 °C / Rated value	А	630
● at 70 °C / Rated value	А	630
Short-time current resistance (Icw) / limited to 1 s / Rated value	kA	30
Main circuit		
Operating power		
● at AC-23 A / at 400 V / at 50/60 Hz / Rated value	kW	355
● at AC-23 A / at 500 V / at 50/60 Hz / Rated value	kW	400
• at AC-23 A / at 690 V / at 50/60 Hz / Rated value	kW	500
Operating voltage	_	
• with AC / at 50/60 Hz / Rated value	V	690
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
<ul> <li>switch disconnector</li> </ul>		Yes
EMERGENCY OFF switch		No
<ul> <li>safety switch</li> </ul>		Yes
<ul> <li>maintenance/repair switch</li> </ul>		Yes
Product details		
Product feature / interlock		No
Product component		
Trip indicator		No
<ul> <li>Voltage trigger</li> </ul>		No
<ul> <li>undervoltage release</li> </ul>		No
<ul> <li>undervoltage release with leading contact</li> </ul>		No
Product expansion		

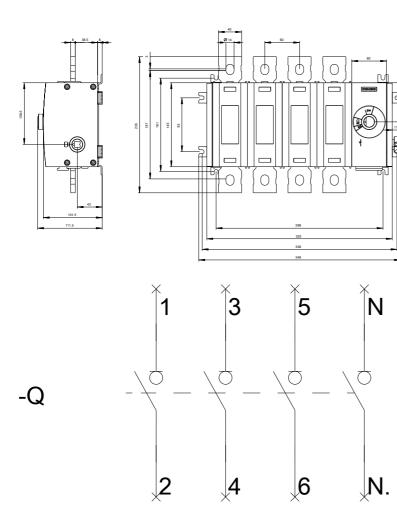
		Yes
<ul> <li>optional</li> </ul>		
— motor drive		No
— Voltage trigger		No
onnections		
Type of electrical connection		
• for main current circuit		flat connector
echanical Design		
Height	mm	235
Width	mm	331
Depth	mm	111.5
mounting position		any
Mounting type		floor mounting
Mounting type		
<ul> <li>front mounting with 4-hole attachment</li> </ul>		No
<ul> <li>front mounting with central attachment</li> </ul>		No
• rail mounting		No
nvironmental conditions		
Ambient temperature		
<ul> <li>during operation / minimum</li> </ul>	°C	-25
<ul> <li>during operation / maximum</li> </ul>	°C	70
<ul> <li>during storage / minimum</li> </ul>	°C	-50
<ul> <li>during storage / maximum</li> </ul>	°C	80
ertificates		
Equipment marking / acc. to DIN EN 61346-2		Q
General Product Approval		Declaration of Conformity

https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD48440QE400

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3KD48440QE400/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3KD48440QE400

## CAx-Online-Generator http://www.siemens.com/cax



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