

SWITCH DISCONNECTOR 3-POLE I=1000A, U=690V, FRONT
ROTARY OPERATING MECHANISM WITHOUT HANDLE



Figure similar

Model	
product brandname	SETRON
Product designation	Switch Disconnecter 3KE
version	basic switch version without handle
Design type	For mounting and installation
Protection class	
Protection class IP	IP00
Dissipation	
Power loss [W]	
• maximum	180 W
Electricity	
Let-through current / I2 t / maximum permissible / in utilization category / AC-22 B / at 400 V	19 000 000 A²·s
Main circuit	
Number of poles / for main current circuit	3
Operating voltage	

• at AC / at 50/60 Hz / rated value	690 V
• at DC / rated value	440 V
Rated current I_e / maximum / in utilization category	
• AC-21 A / at 400 V	1 000 A
• AC-21 A / at 500 V	1 000 A
• AC-21 B / at 400 V	1 000 A
• AC-21 B / at 500 V	1 000 A
• AC-22 A / at 400 V	800 A
• AC-22 A / at 500 V	800 A
• AC-22 B / at 400 V	800 A
• AC-22 B / at 500 V	800 A

Short circuit

Maximum short-circuit current breaking capacity (I _{cu}) / at 400 V / rated value	40 000 A
Conditional rated short-circuit current	
• 400V	40 000 A
• 500V	40 000 A
• in utilization category / AC-21 A / at 400 V	40 000 A
• in utilization category / AC-21 A / at 500 V	40 000 A
• in utilization category / AC-21 B / at 400 V	40 000 A
• in utilization category / AC-21 B / at 500 V	40 000 A
• in utilization category / AC-22 A / at 400 V	40 000 A
• in utilization category / AC-22 A / at 500 V	40 000 A
• in utilization category / AC-22 B / at 400 V	40 000 A
• in utilization category / AC-22 B / at 500 V	40 000 A

Connections

Connectable conductor cross-section	
• for main contacts — stranded / maximum	480 mm ²
Type of connection, main circuit	Flat-type screw terminal; M12
Type of electrical connection	
• for main current circuit	flat connector

Mechanical Design

Height	290 mm
Width	209 mm
Depth	161 mm
Type of mounting	fixed mounted
Mounting type	floor mounting
Mounting type	
• front mounting with 4-hole attachment	No
• front mounting with central attachment	No

- rail mounting

No

Environmental conditions

Ambient temperature

- during operation / minimum -20 °C
- during operation / maximum 55 °C
- during storage / minimum -50 °C
- during storage / maximum 80 °C

Certificates

Certificate of suitability

CE

Equipment marking / acc. to DIN EN 61346-2

Q

**General Product
Approval**

**Declaration of
Conformity**

Test Certificates

other



CCC



EG-Konf.

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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/3KE4530-0AA>

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

<http://support.automation.siemens.com/WW/view/en/3KE4530-0AA/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KE4530-0AA

CAX-Online-Generator

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

Tender specifications

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