

switch disconnecter, 3-pole I=1000A, U=690V front mounted rotary operator without handle



Figure similar

Model	
Product brand name	SETRON
Product designation	Switch Disconnecter 3KE
version	basic switch version without handle
Design type	For mounting and installation
Design of the operating mechanism	manual operating mechanism
Design of the load switch / Strip form	No
Type of the driving mechanism / motor drive	No
Number of poles	3
Insulation voltage / rated value	1 000 V
Type of voltage	AC/DC
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
• at DC / rated value	440 V
Protection class	
Protection class IP	IP00
Dissipation	

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	60 W
Current	
Continuous current / rated value	1 000 A
Let-through current / I _{2 t} / maximum permissible / in utilization category / AC-22 B / at 400 V	19 000 000 A ² ·s
Main circuit	
Number of poles / for main current circuit	3
Operating current / rated value	1 000 A
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
Auxiliary circuit	
Number of CO contacts / for auxiliary contacts	0
Number of NC contacts / for auxiliary contacts	0
Number of NO contacts / for auxiliary contacts	0
Product feature / interlock	No
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	
Type of connection, main circuit	Flat-type screw terminal; M12
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 • front mounting with central attachment • rail mounting	No No No
Net weight	7.43 kg

Environmental conditions

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

Certificates

Certificate of suitability	CE
Reference code • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2	Q Q

General Product Approval	Declaration of Conformity	Test Certificates	other
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[Special Test Certificate](#)

[Miscellaneous](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3KE4530-0AA>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KE4530-0AA>

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>