

switch disconnecter, 3-pole with door op. mechanism 8UC7 handle
dark gray/blue-green basic masking plate, light gray

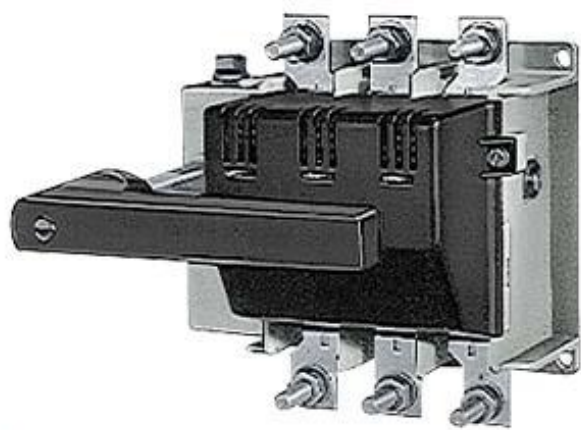


Figure similar

Model	
Product brand name	SETRON
Product designation	Switch Disconnecter 3KE
version	complete version with door coupling rotary operating mechanism, lockable, with black 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	Yes
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; M10

Mechanical Design

Height	290 mm
Width	209 mm
Depth	521 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
Net weight	8.27 kg

Environmental conditions

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

Certificates

Certificate of suitability	CE
Reference code	
• acc. to DIN EN 61346-2	Q
• acc. to DIN EN 81346-2	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=3KE4530-0GA>

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

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

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

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

CAX-Online-Generator

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

Tender specifications

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

