

SWITCH DISCONNECTOR NEW DESIGN IU=160A, UE=690V, 3-POLE BASIC VERSION WITHOUT 8UC6 HANDLE AND SHAFT



Figure similar

Model	
product brandname	SETRON
Product designation	Switch Disconnecter 3KA
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
Type of device	fixed mounting
Protection against electrical shock	finger-safe
Type of voltage	AC/DC
Insulation voltage / rated value	1 000 V
Protection class	
Protection class IP	IP00
Dissipation	
Power loss [W]	7.33 W
<ul style="list-style-type: none"> for rated value of the current / at AC / in hot operating state / per pole 	

- maximum

22 W

Electricity

Let-through current / I_{2 t} / maximum permissible / in utilization category / AC-22 B / at 400 V 223 000 A²·s

Main circuit

Number of poles / for main current circuit 3

Operating power

- at AC-23 A / at 400 V / at 50/60 Hz / rated value 80 000 W
- at AC-23 A / at 500 V / at 50/60 Hz / rated value 80 000 W
- at AC-23 A / at 690 V / at 50/60 Hz / rated value 110 000 W

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 160 A
- AC-21 A / at 500 V 160 A
- AC-21 B / at 400 V 160 A
- AC-21 B / at 500 V 160 A
- AC-22 A / at 400 V 160 A
- AC-22 A / at 500 V 160 A
- AC-22 B / at 400 V 160 A
- AC-22 B / at 500 V 160 A

Short circuit

Maximum short-circuit current breaking capacity (I_{cu}) / at 400 V / rated value 120 kA

Conditional rated short-circuit current

- 400V 120 kA
- 500V 120 kA
- in utilization category / AC-21 A / at 400 V 120 kA
- in utilization category / AC-21 A / at 500 V 120 kA
- in utilization category / AC-21 B / at 400 V 120 kA
- in utilization category / AC-21 B / at 500 V 120 kA
- in utilization category / AC-22 A / at 400 V 120 kA
- in utilization category / AC-22 A / at 500 V 120 kA
- in utilization category / AC-22 B / at 400 V 120 kA
- in utilization category / AC-22 B / at 500 V 120 kA

Connections

Connectable conductor cross-section

- for main contacts
— stranded / maximum 120 mm²

Type of connection, main circuit	Flat-type screw terminal
Type of electrical connection	flat connector
<ul style="list-style-type: none"> • for main current circuit 	

Mechanical Design

Height	125 mm
Width	185 mm
Depth	143 mm
Type of mounting	fixed mounted
Mounting position	any
Mounting type	floor mounting
Mounting type	
<ul style="list-style-type: none"> • front mounting with 4-hole attachment 	No
<ul style="list-style-type: none"> • front mounting with central attachment 	No
<ul style="list-style-type: none"> • rail mounting 	No

Environmental conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation / minimum 	-25 °C
<ul style="list-style-type: none"> • during operation / maximum 	55 °C
<ul style="list-style-type: none"> • during storage / minimum 	-50 °C
<ul style="list-style-type: none"> • during storage / maximum 	80 °C

Certificates

Equipment marking	
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 	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=3KA5330-1AE01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KA5330-1AE01>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KA5330-1AE01

CAX-Online-Generator

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

Tender specifications

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

