

Switch disconnecter in new design Iu=250 A, Ue = 690 V, 3-pole with door drive 8UC7 Handle dark blue/blue-green Basic masking frame light gray



Figure similar

Model	
product brand name	SENTRON
product designation	Switch Disconnecter 3KA
design of the actuating element	manual operating mechanism
design of the load switch / strip form	No
type of the driving mechanism / motor drive	No
type of device	fixed mounting
touch protection against electrical shock	finger-safe
insulation voltage / rated value	1 000 V
operating voltage	
• 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	11 W

Main circuit	
number of poles / for main current circuit	3
operating power	
<ul style="list-style-type: none"> <li>at AC-23 A / at 400 V / rated value</li> <li>at AC-23 A / at 500 V / rated value</li> </ul>	132 000 W 132 000 W
operational current / rated value	250 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

Short circuit	
breaking capacity maximum short-circuit current (I <sub>cu</sub> ) / at 400 V / rated value	120 kA

Connections	
connectable conductor cross-section / for main contacts	
<ul style="list-style-type: none"> <li>stranded / maximum</li> </ul>	150 mm <sup>2</sup>
type of electrical connection	
<ul style="list-style-type: none"> <li>for main current circuit</li> </ul>	flat connector

Mechanical Design	
height	160 mm
width	240 mm
depth	207 mm
fastening method	floor mounting
fastening method	
<ul style="list-style-type: none"> <li>4-hole front mounting</li> <li>front mounting with central attachment</li> <li>rail mounting</li> </ul>	No No No
mounting position	any
net weight	5.387 kg

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

Certificates	
reference code	
<ul style="list-style-type: none"> <li>acc. to DIN EN 61346-2</li> </ul>	Q

General Product Approval	Declaration of Conformity	Test Certificates	other
--------------------------	---------------------------	-------------------	-------



UL



EG-Konf.

[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=3KA5530-1GE01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KA5530-1GE01>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KA5530-1GE01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KA5530-1GE01)

### CAX-Online-Generator

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

### Tender specifications

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