

Switch disconnecter with fuse in new design Iu=63 A, Ue = 690 V, 3-pole for LV HRC fuse Sz. 00 with isolating contact strip for MCC with door operating mechanism 8UC7 Handle dark blue/blue-green Basic masking frame light gray



Model	
Product brand name	SETRON
version	Complete version with rotary operating mechanism
Design type	plug connector on the top
Design of the operating mechanism	manual operating mechanism
Type of the driving mechanism / motor drive	No
Number of poles	3
Size of disconnecting link	00 and 000
Fuse system	LV HRC fuse
Insulation voltage / rated value	690 V
Surge voltage resistance / rated value	6 000 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	3 W
Electricity	
Operating current / at AC-21 / rated value	63 A

Continuous current / rated value	63 A
Let-through current / I _{2t} / maximum permissible / in utilization category / AC-22 B / at 400 V	130 000 A ² ·s

Main circuit

Number of poles / for main current circuit	3
Operating power	
<ul style="list-style-type: none"> • at AC-23 A / at 400 V / at 50/60 Hz / rated value • at AC-23 A / at 500 V / at 50/60 Hz / rated value • at AC-23 A / at 690 V / at 50/60 Hz / rated value 	30 000 W 30 000 W 40 000 W
Operating voltage	
<ul style="list-style-type: none"> • at AC / at 50/60 Hz / rated value • at DC / rated value 	690 V 440 V
Rated current I _e / maximum / in utilization category	
<ul style="list-style-type: none"> • AC-21 A / at 400 V • AC-21 A / at 500 V • AC-21 B / at 400 V • AC-21 B / at 500 V • AC-22 A / at 400 V • AC-22 A / at 500 V • AC-22 B / at 400 V • AC-22 B / at 500 V 	63 A 63 A 63 A 63 A 63 A 63 A 63 A 63 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
Suitability for use	
<ul style="list-style-type: none"> • EMERGENCY OFF switch • safety switch 	No Yes
Product feature / interlock	Yes

Short circuit

Conditional rated short-circuit current / in utilization category	
<ul style="list-style-type: none"> • AC-21 A / at 400 V • AC-21 A / at 500 V • AC-21 B / at 400 V • AC-21 B / at 500 V • AC-22 A / at 400 V • AC-22 A / at 500 V • AC-22 B / at 400 V • AC-22 B / at 500 V 	120 kA 120 kA 120 kA 120 kA 120 kA 120 kA 120 kA 120 kA




Connections

Connectable conductor cross-section	
<ul style="list-style-type: none"> for main contacts <ul style="list-style-type: none"> — stranded / maximum 	35 mm ²
Type of connection, main circuit	flat connector bottom connection, M6
Type of electrical connection	
<ul style="list-style-type: none"> for main current circuit 	flat connector

Mechanical Design	
Height	100 mm
Width	172 mm
Depth	221 mm
Type of mounting	plug-in version
Mounting position	any
Mounting type	clip-on
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 	Yes

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

Declaration of Conformity	Test Certificates	Shipping Approval	other
 EG-Konf.	Special Test Certificate	 BUREAU VERITAS	 GL
			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=3KM5030-1GB01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KM5030-1GB01>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KM5030-1GB01

CAx-Online-Generator
<http://www.siemens.com/cax>

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