

Switch disconnecter with fuse in new design $I_n=63\text{ A}$, $U_e = 690\text{ V}$, 3-pole for LV HRC fuse Sz. 00 basic version without 8UC6 handle and shaft



Figure similar

Model	
Product brand name	SENTRON
version	Basic 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
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	55 000 A ² ·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	30 000 W
• at AC-23 A / at 500 V / at 50/60 Hz / rated value	30 000 W
• at AC-23 A / at 690 V / at 50/60 Hz / rated value	40 000 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	63 A
• AC-21 A / at 500 V	63 A
• AC-21 B / at 400 V	63 A
• AC-21 B / at 500 V	63 A
• AC-22 A / at 400 V	63 A
• AC-22 A / at 500 V	63 A
• AC-22 B / at 400 V	63 A
• AC-22 B / at 500 V	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
Product feature / interlock	Yes

Short circuit

Conditional rated short-circuit current	
• 400V	100 kA
• 500V	100 kA
• in utilization category / AC-21 A / at 400 V	100 kA
• in utilization category / AC-21 A / at 500 V	100 kA
• in utilization category / AC-21 B / at 400 V	100 kA
• in utilization category / AC-21 B / at 500 V	100 kA
• in utilization category / AC-22 A / at 400 V	100 kA
• in utilization category / AC-22 A / at 500 V	100 kA
• in utilization category / AC-22 B / at 400 V	100 kA
• in utilization category / AC-22 B / at 500 V	100 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 pad connection, M6
Type of electrical connection	
<ul style="list-style-type: none"> for main current circuit 	flat connector

Mechanical Design

Height	105 mm
Width	120 mm
Depth	150 mm
Type of mounting	fixed mounted
Mounting position	any
Mounting type	Surface mounting and installation
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

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

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
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CCC



EG-Konf.

[Special Test Certificate](#)

[Miscellaneous](#)



BUREAU VERITAS



GL

other

[Environmental Conformations](#)

[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?mfb=3KL5030-1AB01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KL5030-1AB01>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3KL5030-1AB01

CAX-Online-Generator

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

Tender specifications

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



