

Switch disconnecter with fuse in new design $I_u=125\text{ A}$, $U_e = 690\text{ V}$, 3-pole for LV HRC fuse Sz. 00 basic version without 8UC6 handle and shaft with isolating contact strip for MCC

Model	
Product brand name	SENTRON
version	Basic version without handle
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	1 000 V
Surge voltage resistance / rated value	8 000 V
Protection class	
Protection class IP	IP00
Dissipation	
Power loss [W]	
<ul style="list-style-type: none"> for rated value of the current / at AC / in hot operating state / per pole 	7 W
<ul style="list-style-type: none"> maximum 	22 W
Electricity	
Operating current / at AC-21 / rated value	125 A
Continuous current / rated value	125 A
Let-through current / $I_2 t$ / maximum permissible / in utilization category / AC-22 B / at 400 V	223 000 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 	65 000 W
<ul style="list-style-type: none"> at AC-23 A / at 500 V / at 50/60 Hz / rated value 	65 000 W
<ul style="list-style-type: none"> at AC-23 A / at 690 V / at 50/60 Hz / rated value 	90 000 W
Operating voltage	
<ul style="list-style-type: none"> at AC / at 50/60 Hz / rated value 	690 V
<ul style="list-style-type: none"> at DC / rated value 	440 V
Rated current I_e / maximum / in utilization category	
<ul style="list-style-type: none"> AC-21 A / at 400 V 	125 A

• AC-21 A / at 500 V	125 A
• AC-21 B / at 400 V	125 A
• AC-21 B / at 500 V	125 A
• AC-22 A / at 400 V	125 A
• AC-22 A / at 500 V	125 A
• AC-22 B / at 400 V	125 A
• AC-22 B / at 500 V	125 A
Suitability for use	
• EMERGENCY OFF switch	Yes
• safety switch	Yes
Product feature / interlock	Yes

Short circuit

Conditional rated short-circuit current / in utilization category	
• AC-21 A / at 400 V	120 kA
• AC-21 A / at 500 V	120 kA
• AC-21 B / at 400 V	120 kA
• AC-21 B / at 500 V	120 kA
• AC-22 A / at 400 V	120 kA
• AC-22 A / at 500 V	120 kA
• AC-22 B / at 400 V	120 kA
• AC-22 B / at 500 V	120 kA

Connections

Connectable conductor cross-section	
• for main contacts — stranded / maximum	70 mm ²
Type of connection, main circuit	flat connector bottom connection, M6
Type of electrical connection	
• for main current circuit	flat connector

Mechanical Design

Height	107 mm
Width	185 mm
Depth	219 mm
Type of mounting	plug-in version
Mounting position	any
Mounting type	clip-on
Mounting type	
• front mounting with 4-hole attachment	No
• front mounting with central attachment	No
• rail mounting	Yes

Certificates

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

Declaration of Conformity	Test Certificates	Shipping Approval			other
 EG-Konf.	Special Test Certificate	 BUREAU VERITAS	 GL	 LRS	Environmental Confirmations

other

[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=3KM5230-1AB01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KM5230-1AB01>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KM5230-1AB01

CAX-Online-Generator

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

Tender specifications

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