

Switch disconnecter with fuse in new design I_u=125 A, U_e = 690 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
product designation	Switch disconnecter
design of the product	With fuses and 3KM isolating contact strip
design of the actuating element	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
surge voltage resistance / rated value	8 000 V
Supply voltage	
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	7 W
Current	
operational current	
• at 35 °C / rated value	125 A
• at 40 °C / rated value	125 A
• at 45 °C / rated value	125 A
• at 50 °C / rated value	125 A
• at 55 °C / rated value	125 A
• at 60 °C / rated value	119 A
• at 65 °C / rated value	111 A
• at 70 °C / rated value	105 A
• at AC-21 / rated value	125 A
Main circuit	
number of poles / for main current circuit	3
operating power	
• at AC-23 A / at 500 V / rated value	65 000 W
operational current / rated value	125 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	
• EMERGENCY OFF switch	Yes
• safety switch	Yes
product feature / interlock	Yes
Connections	
connectable conductor cross-section / for main contacts / stranded / maximum	70 mm ²
type of electrical connection / for main current circuit	flat connector bottom, M 6
Mechanical Design	
height	107 mm
width	185 mm
depth	219 mm

fastening method	clip-on
fastening method	
• 4-hole front mounting	No
• front mounting with central attachment	No
• rail mounting	Yes
mounting position	any

Environmental conditions

ambient temperature / during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature / during storage	
• minimum	-50 °C
• maximum	80 °C

General Product Approval	Declaration of Conformity	Test Certificates	Marine / Shipping
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[Special Test Certificate](#)



other

[Environmental Confirmations](#)

[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>



