

SWITCH DISCONNECTOR WITH FUSE IN NEW DESIGN
 IU=125A,
 UE=690V,
 3-POLE FOR LV HRC FUSE SIZE 00 W.ISOLATING PLUG
 CONN.FOR MCC WITH DOOR DRIVE 8UC7 HANDLE TI-
 GREY/BL.GREEN BASIC MASKING FRAME LIGHT GRAY



Similar to image

General technical details:

product brand name		SENTRON
product designation		Switch Disconnecter with Fuses and Isolating Plug Connectors 3KM
Number of poles		3
Installation size of fuse-link		00 and 000
Installation size of disconnecting link		00 and 000
Acceptability for application		
<ul style="list-style-type: none"> • main switch • switch disconnecter • emergency stop switch • safety cut-out switch • maintenance/repair switch 		<p>Yes</p> <p>Yes</p> <p>No</p> <p>Yes</p> <p>Yes</p>
Product extension		
<ul style="list-style-type: none"> • optional / motor drive • optional / voltage trigger 		<p>No</p> <p>No</p>
Design of the operating mechanism		manual operating mechanism
Product equipment / interlock		Yes
Type from device		can be plugged into busbar systems

type of voltage		AC/DC
Continuous current / rated value	A	125
Breaking capacity limit short-circuit current (I_{cu}) / at 400 V / rated value		
• optional / interlock		Yes
• auxiliary switch		Yes
Active power loss		
• maximum	W	22
• per conductor / typical	W	7
Insulation voltage / rated value	V	1,000
Impulse voltage resistance / rated value	V	8,000
Item designation		
• according to DIN EN 61346-2		Q
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		Q
Fuse system		LV HRC fuse

Main circuit:

Design of the electrical connection		
• for main current circuit		flat connector
Number of poles / for main current circuit		3
Operating current		
• at AC-21		
• at 500 V / rated value	A	125
• at 690 V / rated value	A	125
• rated value	A	125
• at AC-22 A		
• at 400 V / rated value	A	125
• at 500 V / rated value	A	125
• at 690 V / rated value	A	125
• at AC-23 A		
• at 400 V / rated value	A	125
• at 500 V / rated value	A	125
• at 690 V / rated value	A	125
• at AC-3 / at 400 V		
• rated value	A	125
• at DC-23 A		
• at 400 V / rated value	A	125
Service power		
• at AC-23 A		
• at 400 V / at 50/60 Hz / rated value	W	65,000

• at 500 V / at 50/60 Hz / rated value	W	65,000
• at 690 V / at 50/60 Hz / rated value	W	90,000
Operating voltage / for DC / rated value	V	440
Operating voltage / at 50/60 Hz / for AC / rated value	V	690

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of changeover contacts / for auxiliary contacts		0

Installation/mounting/dimensions:

mounting position		any
Protection against electrical shock		finger-safe
Design of the load switch		
• Strip form		No
Type of the driving mechanism		
• motor drive		No
Type of mounting		clip-on
• Rail installation		Yes
• front mounting with central fixation		No
• front mounting with 4-hole fixation		No
Width	mm	185
Height	mm	107
Depth	mm	219

Connections:

Conductor cross section that can be connected		
• for main contacts		
• stranded	/ mm ²	70

Ambient conditions:

Ambient temperature		
• during operating	°C	-25 ... +55
• during storage	°C	-50 ... +80
Protection class IP		IP00
Verification of suitability		CE

Certificates/approvals:

General Product Approval	Test Certificates	Shipping Approval		
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GOST

[Special Test Certificate](#)



GL



LRS

other

[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/lowvoltage/mall>

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

<http://support.automation.siemens.com/WWW/view/en/3KM5230-1GB01/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KM5230-1GB01

CAx-Online-Generator

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

Tender specifications

[Datanorm GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)

last change:

Mar 11, 2013