

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



Similar to image

### General technical details:

<b>product brand name</b>		SETRON
<b>product designation</b>		Switch Disconnecter with Fuses 3KL
<b>Number of poles</b>		3
<b>Installation size of fuse-link</b>		00 and 000
<b>Installation size of disconnecting link</b>		00 and 000
<b>Acceptability for application</b>		
• main switch		Yes
• switch disconnecter		Yes
• emergency stop switch		No
• safety cut-out switch		Yes
• maintenance/repair switch		Yes
<b>Product extension</b>		
• optional / motor drive		No
• optional / voltage trigger		No
<b>Design of the operating mechanism</b>		manual operating mechanism
<b>Product equipment / interlock</b>		Yes
<b>Type from device</b>		fixed mounting
<b>type of voltage</b>		AC/DC

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

#### Main circuit:







<b>Design of the electrical connection</b>		
• for main current circuit		flat connector
<b>Number of poles / for main current circuit</b>		3
<b>Operating current</b>		
• 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
<b>Service power</b>		
• 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 change-over switches / 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		surface mounting and installation
• Rail installation		No
• front mounting with central fixation		No
• front mounting with 4-hole fixation		No
Width	mm	185
Height	mm	106
Depth	mm	143

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
		
CCC	GOST	UL
		<a href="#">Special Test Certificate</a>
Shipping Approval		other
		
BUREAU VERITAS	GL	LRS
		<a href="#">Declaration of Conformity</a> <a href="#">other</a> <a href="#">Environmental Confirmations</a>

#### 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,...)

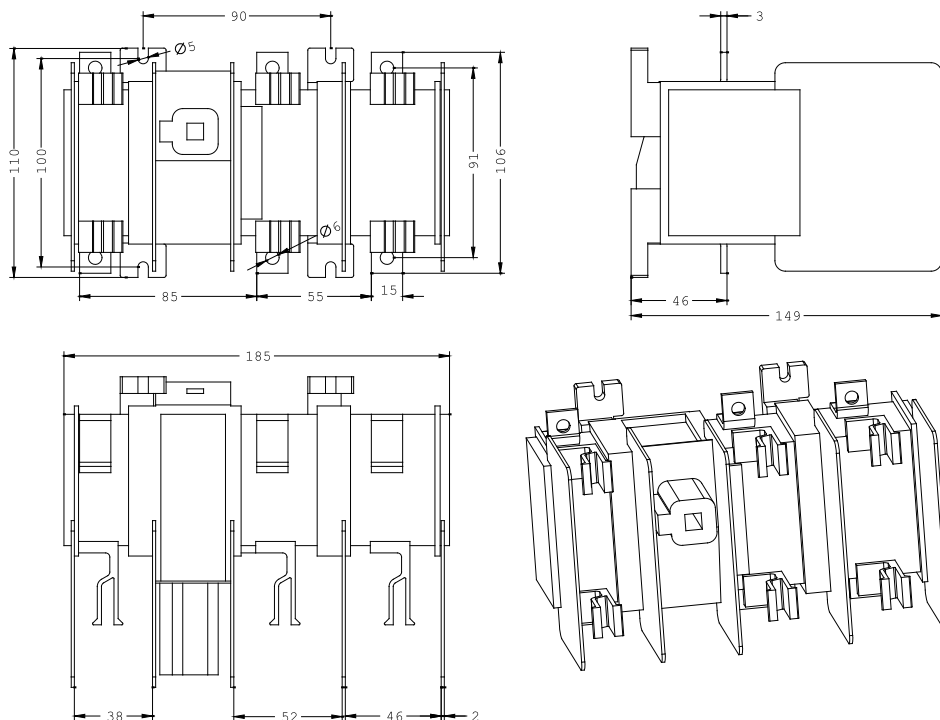
<http://support.automation.siemens.com/WW/view/en/3KL5230-1GB01/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KL5230-1GB01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL5230-1GB01)

##### CAX-Online-Generator

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



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last change:

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