

Switch disconnecter with fuse in new design $I_u=125\text{ A}$, $U_e = 690\text{ V}$,
3-pole for BS88 fuse form A2/A3 basic version without 8UC6 handle
and shaft



Model	
Product brand name	SETRON
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	Form A2/A3
Fuse system	fuses according to BS 88
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] / for rated value of the current / at AC / in hot operating state / per pole	7.3 W
Electricity	

Operating current / at AC-21 / rated value	125 A
Continuous current / rated value	125 A
Let-through current / I _{2t} / 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	
• at AC-23 A / at 400 V / at 50/60 Hz / rated value	65 000 W
• at AC-23 A / at 500 V / at 50/60 Hz / rated value	65 000 W
• at AC-23 A / at 690 V / at 50/60 Hz / rated value	90 000 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	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

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 	70 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	106 mm
Width	185 mm
Depth	143 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

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

other
Environmental Conformations

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=3KL5230-1AG01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KL5230-1AG01>

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

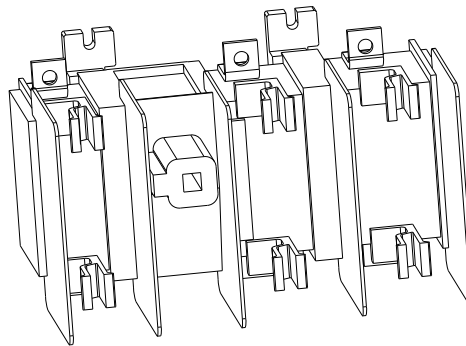
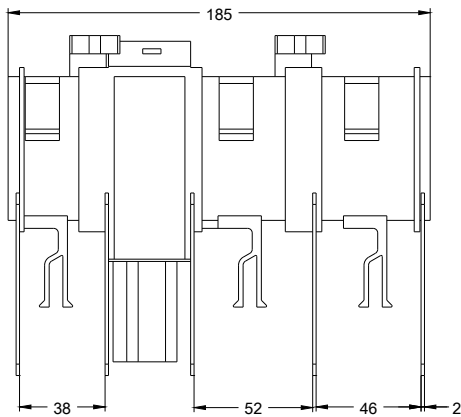
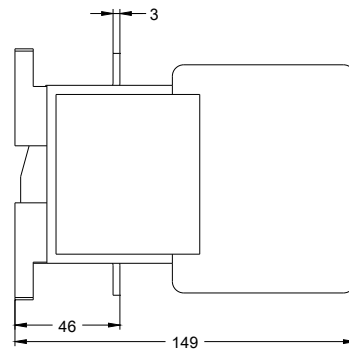
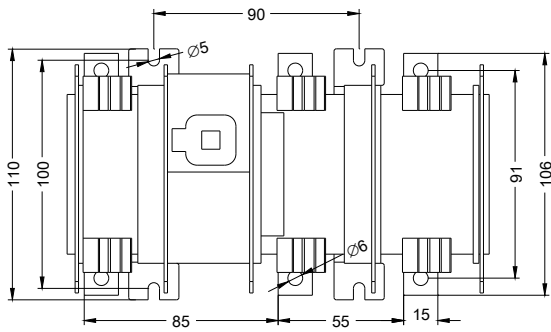
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3KL5230-1AG01

CAX-Online-Generator

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

Tender specifications

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



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