

Switch disconnecter with fuse in new design Iu=125 A, Ue = 690 V, 3-pole for LV HRC fuse Sz. 00 basic version without 8UC6 handle and shaft



Figure similar

Model	
Product brand name	SENTRON
Product designation	Switch disconnecter
Design of the product version	With 3KL fuses 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	00 and 000
Fuse system	LV HRC fuse
Insulation voltage / rated value	1 000 V
Surge voltage resistance / rated value	8 000 V
Supply voltage	
Type of voltage	AC/DC
Operating voltage	

- at AC / at 50/60 Hz / rated value 690 V
- 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 7.3 W

Current

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 A²·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 / rated value 65 000 W
- at AC-23 A / at 690 V / at 50/60 Hz / rated value 90 000 W

Operating current / rated value 125 A

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 / for main contacts	
• stranded / maximum	70 mm ²
Type of connection, main circuit	flat pad connection, M6

Mechanical Design






Height	106 mm
Width	185 mm
Depth	143 mm
Type of mounting	fixed mounted
Mounting type	Surface mounting and installation
Mounting type	
• front mounting with 4-hole attachment	No
• front mounting with central attachment	No
• rail mounting	No
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

Certificates

Certificate of suitability	UR
Reference code	
• acc. to DIN EN 61346-2	Q

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 CCC	 UR	 EG-Konf.	Special Test Certificate   LRS

other
Miscellaneous Environmental Confirmations

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=3KL5230-1AB01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KL5230-1AB01>

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

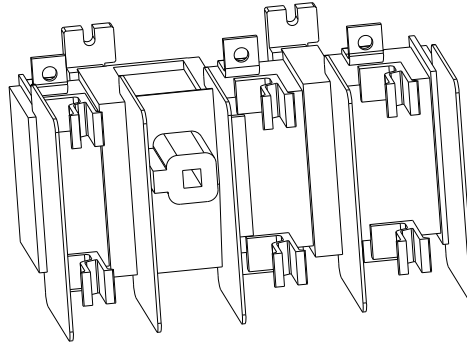
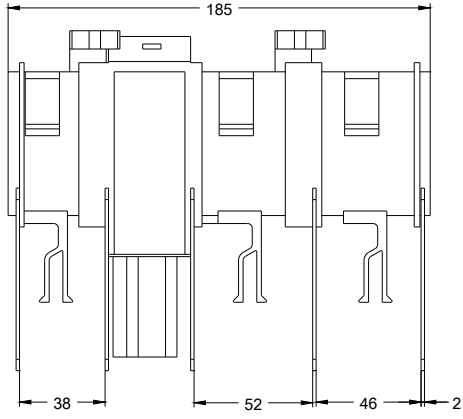
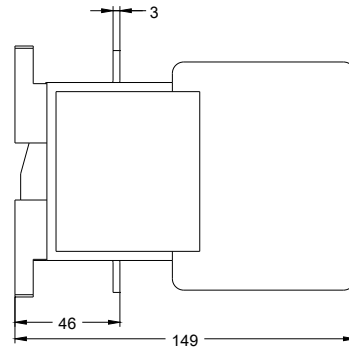
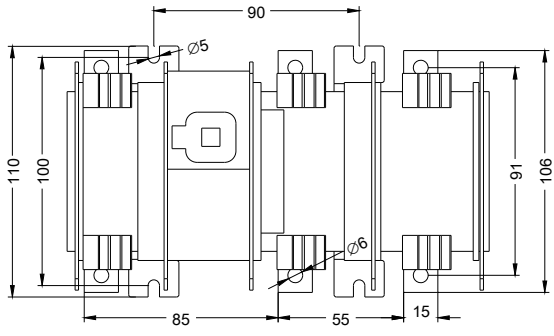
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL5230-1AB01

CAX-Online-Generator

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

Tender specifications

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



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