

SWITCH DISCONNECTOR FUSE NEW DESIGN
 IU=250A, UE=690V, 3-POLE FOR LV HRC FUSE SIZE
 1 AND 2 BASIC VERSION WITHOUT 8UC6 HANDLE
 AND SHAFT



Figure similar

Model		
product brand name		SENTRON
Product designation		Switch Disconnecter with Fuses 3KL
version		Basic version without handle
Design type		For mounting and installation
Protection class		
Protection class IP		IP00
Dissipation		
Active power loss		
• maximum	W	33
Electricity		
Let-through current / I ₂ t / maximum permissible / in utilization category / AC-22 B / at 400 V	A ² ·s	1 000 000
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	W	132 000
• at AC-23 A / at 500 V / at 50/60 Hz / Rated value	W	132 000
• at AC-23 A / at 690 V / at 50/60 Hz / Rated value	W	185 000
Operating voltage		
• with AC / at 50/60 Hz / Rated value	V	690

• for DC / Rated value	V	440
Operating current		
• at AC-21 / at 500 V / Rated value	A	250
• at AC-21 / at 690 V / Rated value	A	250
• at AC-21 / Rated value	A	250
• at AC-22 A / at 400 V / Rated value	A	250
• at AC-22 A / at 500 V / Rated value	A	250
• at AC-22 A / at 690 V / Rated value	A	250
• at AC-23 A / at 400 V / Rated value	A	250
• at AC-23 A / at 500 V / Rated value	A	250
• at AC-23 A / at 690 V / Rated value	A	250
• at AC-3 / at 400 V / Rated value	A	250
• at DC-23 A / at 400 V / Rated value	A	250
Rated current I_e / maximum / in utilization category		
• AC-21 A / at 400 V	A	250
• AC-21 A / at 500 V	A	250
• AC-21 B / at 400 V	A	250
• AC-21 B / at 500 V	A	250
• AC-22 A / at 400 V	A	250
• AC-22 A / at 500 V	A	250
• AC-22 B / at 400 V	A	250
• AC-22 B / at 500 V	A	250

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

Short circuit		
Conditional rated short-circuit current		
• 400V	kA	80
• 500V	kA	80
• in utilization category / AC-21 A / at 400 V	kA	80
• in utilization category / AC-21 A / at 500 V	kA	80
• in utilization category / AC-21 B / at 400 V	kA	80
• in utilization category / AC-21 B / at 500 V	kA	80
• in utilization category / AC-22 A / at 400 V	kA	80
• in utilization category / AC-22 A / at 500 V	kA	80
• in utilization category / AC-22 B / at 400 V	kA	80
• in utilization category / AC-22 B / at 500 V	kA	80

Connections		
Connectable conductor cross-section		

<ul style="list-style-type: none"> for main contacts <ul style="list-style-type: none"> — stranded / maximum 	mm ²	70
Type of connection, main circuit		flat pad connection, M10
Type of electrical connection <ul style="list-style-type: none"> for main current circuit 		flat connector

Mechanical Design

Height	mm	160
Width	mm	247
Depth	mm	209
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 front mounting with central attachment rail mounting 		No No No

Environmental conditions

Ambient temperature <ul style="list-style-type: none"> during operation / minimum during operation / maximum during storage / minimum during storage / maximum 	°C	-25 55 -50 80
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Certificates

Certificate of suitability		UR
Equipment marking / acc. to DIN EN 61346-2		Q

General Product Approval				Declaration of Conformity	Test Certificates
					Special Test Certificate
CCC	GOST	UL		EG-Konf.	

Shipping Approval

Shipping Approval				other	
				Environmental Confirmations	other
BUREAU VERITAS	GL	LRS	PRS		

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KL55301AB01>

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

<http://support.automation.siemens.com/WW/view/en/3KL55301AB01/all>

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

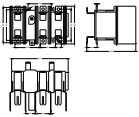
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL55301AB01

CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>



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