

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 WITH
TIN-COATED CONTACTS



Similar to image

General technical details:

product brand name		SETRON
product designation		Switch Disconnecter with Fuses 3KL
Number of poles		3
Installation size of fuse-link		2 and 1
Installation size of disconnecting link		2 and 1
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>Yes</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		fixed mounting
type of voltage		AC/DC

Continuous current / rated value	A	250
Breaking capacity limit short-circuit current (I_{cu}) / at 400 V / rated value		
• optional / interlock		Yes
• auxiliary switch		Yes
Active power loss		
• maximum	W	33
• per conductor / typical	W	11
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	250
• at 690 V / rated value	A	250
• rated value	A	250
• at AC-22 A		
• at 400 V / rated value	A	250
• at 500 V / rated value	A	250
• at 690 V / rated value	A	250
• at AC-23 A		
• at 400 V / rated value	A	250
• at 500 V / rated value	A	250
• 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
Service power		
• at AC-23 A		
• at 400 V / at 50/60 Hz / rated value	W	132,000
• at 500 V / at 50/60 Hz / rated value	W	132,000

• at 690 V / at 50/60 Hz / rated value	W	185,000
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 • Rail installation • front mounting with central fixation • front mounting with 4-hole fixation		surface mounting and installation No No No
Width	mm	247
Height	mm	160
Depth	mm	209

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

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

Certificates/approvals:

General Product Approval



CB



CCC



GOST



UL

Test Certificates

[Special Test Certificate](#)

Shipping Approval



GL



LRS



PRS

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/3KL5530-1AB01-ZA01/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL5530-1AB01-ZA01

CAX-Online-Generator

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

last change:

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