



SWITCH DISCONNECTOR WITH FUSE IN NEW DESIGN IU=800A, UE=690V, 3-POLE, UR FOR NH FUSES SIZE 3/2 WITH DOOR DRIVE 8UC7 HANDLE TI-GREY/BL.GREEN BASIC MASKING FRAME LIGHT GRAY

Figure similar

Model		
product brand name		SENTRON
Product designation		Switch Disconnecter with Fuses 3KL
version		Complete version with rotary operating mechanism
Design type		For mounting and installation
Protection class		
Protection class IP		IP00
Dissipation		
Active power loss		
• maximum	W	225
Electricity		
Let-through current / I _{2t} / maximum permissible / in utilization category / AC-22 B / at 400 V	A ² ·s	10 500 000
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	400 000

• at AC-23 A / at 500 V / at 50/60 Hz / Rated value	W	400 000
• at AC-23 A / at 690 V / at 50/60 Hz / Rated value	W	500 000
Operating voltage		
• at AC / at 50/60 Hz / Rated value	V	690
• at DC / Rated value	V	440
Operating current		
• at AC-21 / at 500 V / Rated value	A	800
• at AC-21 / at 690 V / Rated value	A	800
• at AC-21 / Rated value	A	800
• at AC-22 A / at 400 V / Rated value	A	800
• at AC-22 A / at 500 V / Rated value	A	800
• at AC-22 A / at 690 V / Rated value	A	800
• at AC-23 A / at 400 V / Rated value	A	800
• at AC-23 A / at 500 V / Rated value	A	800
• at AC-23 A / at 690 V / Rated value	A	800
• at AC-3 / at 400 V / Rated value	A	800
• at DC-23 A / at 400 V / Rated value	A	630
Rated current I_e / maximum / in utilization category		
• AC-21 A / at 400 V	A	800
• AC-21 A / at 500 V	A	800
• AC-21 B / at 400 V	A	800
• AC-21 B / at 500 V	A	800
• AC-22 A / at 400 V	A	800
• AC-22 A / at 500 V	A	800
• AC-22 B / at 400 V	A	800
• AC-22 B / at 500 V	A	800

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	50
• 500V	kA	50
• in utilization category / AC-21 A / at 400 V	kA	50
• in utilization category / AC-21 A / at 500 V	kA	50
• in utilization category / AC-21 B / at 400 V	kA	50
• in utilization category / AC-21 B / at 500 V	kA	50
• in utilization category / AC-22 A / at 400 V	kA	50

- in utilization category / AC-22 A / at 500 V
- in utilization category / AC-22 B / at 400 V
- in utilization category / AC-22 B / at 500 V

kA	50
kA	50
kA	50

Connections

Type of connection, main circuit		flat pad connection, M12
Type of electrical connection		
<ul style="list-style-type: none"> • for main current circuit 		flat connector

Mechanical Design





Height	mm	270
Width	mm	345
Depth	mm	240
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

Certificates

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

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval	other
 CCC	 EAC	 EG-Konf.	 LRS	Umweltbestätigung

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/3KL62301GB02>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<http://support.automation.siemens.com/WW/view/en/3KL62301GB02/all>

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

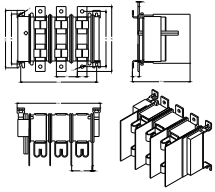
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3KL62301GB02

CAX-Online-Generator

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

Tender specifications

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



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