



SWITCH DISCONNECTOR WITH FUSE IN NEW DESIGN IU=630A, 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 brandname		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		
Power loss [W]		
• maximum	W	140
Electricity		
Let-through current / I2 t / maximum permissible / in utilization category / AC-22 B / at 400 V	A <sup>2</sup> ·s	5 400 000
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	335 000
• at AC-23 A / at 500 V / at 50/60 Hz / rated value	W	335 000
• at AC-23 A / at 690 V / at 50/60 Hz / rated value	W	425 000
<b>Operating voltage</b>		
• at AC / at 50/60 Hz / rated value	V	690
• at DC / rated value	V	440
<b>Rated current I<sub>e</sub> / maximum / in utilization category</b>		
• AC-21 A / at 400 V	A	630
• AC-21 A / at 500 V	A	630
• AC-21 B / at 400 V	A	630
• AC-21 B / at 500 V	A	630
• AC-22 A / at 400 V	A	630
• AC-22 A / at 500 V	A	630
• AC-22 B / at 400 V	A	630
• AC-22 B / at 500 V	A	630

### Short circuit

<b>Conditional rated short-circuit current</b>		
• 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	kA	50
• in utilization category / AC-22 B / at 400 V	kA	50
• in utilization category / AC-22 B / at 500 V	kA	50

### Connections

<b>Type of connection, main circuit</b>		flat pad connection, M12
<b>Type of electrical connection</b>		
• for main current circuit		flat connector

### Mechanical Design

<b>Height</b>	mm	270
<b>Width</b>	mm	345
<b>Depth</b>	mm	240
<b>Type of mounting</b>		fixed mounted
<b>Mounting position</b>		any
<b>Mounting type</b>		Surface mounting and installation
<b>Mounting type</b>		
• front mounting with 4-hole attachment		No
• front mounting with central attachment		No

- rail mounting

No

## Environmental conditions

### Ambient temperature

- during operation / minimum
- during operation / maximum
- during storage / minimum
- during storage / maximum

°C	-25
°C	55
°C	-50
°C	80

## Certificates

### Certificate of suitability

UR

Equipment marking / acc. to DIN EN 61346-2

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General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval	other
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CCC



EG-Konf.

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## 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/3KL6130-1GB02>

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

<http://support.automation.siemens.com/WW/view/en/3KL6130-1GB02/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KL6130-1GB02](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL6130-1GB02)

### CAX-Online-Generator

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

### Tender specifications

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

