

SWITCH DISCONNECTOR WITH FUSE IN NEW DESIGN IU=250A, UE=690V, 3-POLE FOR LV HRC FUSE SIZE 1 AND 2 WITH DOOR DRIVE 8UC7 HANDLE TI-GREY/BL.GREEN BASIC MASKING FRAME LIGHT GRAY



Figure similar

Model	
product brandname	SETRON
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]	33 W
• maximum	
Electricity	
Let-through current / I2 t / maximum permissible / in utilization category / AC-22 B / at 400 V	1 000 000 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	132 000 W
• at AC-23 A / at 500 V / at 50/60 Hz / rated value	132 000 W
• at AC-23 A / at 690 V / at 50/60 Hz / rated value	185 000 W
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
• at DC / rated value	440 V
Rated current I_e / maximum / in utilization category	
• AC-21 A / at 400 V	250 A
• AC-21 A / at 500 V	250 A
• AC-21 B / at 400 V	250 A
• AC-21 B / at 500 V	250 A
• AC-22 A / at 400 V	250 A
• AC-22 A / at 500 V	250 A
• AC-22 B / at 400 V	250 A
• AC-22 B / at 500 V	250 A

Short circuit

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

Connections

Connectable conductor cross-section	
• for main contacts	
— stranded / maximum	70 mm ²
Type of connection, main circuit	
flat pad connection, M10	
Type of electrical connection	
• for main current circuit	flat connector

Mechanical Design

Height	160 mm
Width	247 mm
Depth	209 mm
Type of mounting	fixed mounted
Mounting position	any
Mounting type	Surface mounting and installation

Mounting type	
• front mounting with 4-hole attachment	No
• front mounting with central attachment	No
• rail mounting	No

Environmental conditions

Ambient temperature	
• during operation / minimum	-25 °C
• during operation / maximum	55 °C
• during storage / minimum	-50 °C
• during storage / maximum	80 °C

Certificates

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

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 CCC	 UL	 EG-Konf.	spezielle Prüfbescheinigungen n  BUREAU VERITAS  GL

Shipping Approval	other
 LRS  PRS	Umweltbestätigung sonstig

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/3KL5530-1GB01>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<http://support.automation.siemens.com/WW/view/en/3KL5530-1GB01/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL5530-1GB01

CAX-Online-Generator
<http://www.siemens.com/cax>

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

