

SWITCH DISCONNECTOR FUSE NEW DESIGN IU=63A,
UE=690V, 3-POLE FOR LV HRC FUSE SIZE 00 BASIC VERSION
WITHOUT 8UC6 HANDLE AND SHAFT W. ISOLATING PLUG
CONN. FOR MCC WITH TIN-COATED CONTACTS

Model	
product brandname	SENTRON
Product designation	Switch Disconnecter with Fuses and Isolating Plug Connectors 3KM
version	Basic version without handle
Design type	plug connector on the top
Protection class	
Protection class IP	IP00
Dissipation	
Power loss [W]	
• maximum	8.5 W
Electricity	
Let-through current / I _{2 t} / maximum permissible / in utilization category / AC-22 B / at 400 V	130 000 A ² ·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	30 000 W
• at AC-23 A / at 500 V / at 50/60 Hz / rated value	30 000 W
• at AC-23 A / at 690 V / at 50/60 Hz / rated value	40 000 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	63 A
• AC-21 A / at 500 V	63 A
• AC-21 B / at 400 V	63 A
• AC-21 B / at 500 V	63 A
• AC-22 A / at 400 V	63 A
• AC-22 A / at 500 V	63 A
• AC-22 B / at 400 V	63 A
• AC-22 B / at 500 V	63 A

Short circuit

Conditional rated short-circuit current / in utilization category

• AC-21 A / at 400 V	120 kA
• AC-21 A / at 500 V	120 kA
• AC-21 B / at 400 V	120 kA
• AC-21 B / at 500 V	120 kA
• AC-22 A / at 400 V	120 kA
• AC-22 A / at 500 V	120 kA
• AC-22 B / at 400 V	120 kA
• AC-22 B / at 500 V	120 kA

Connections

Connectable conductor cross-section

• for main contacts	
— stranded / maximum	35 mm ²

Type of connection, main circuit	flat connector bottom connection, M6
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Type of electrical connection

• for main current circuit	flat connector
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Mechanical Design

Height	100 mm
Width	172 mm
Depth	221 mm
Type of mounting	plug-in version
Mounting position	any
Mounting type	clip-on
Mounting type	
• front mounting with 4-hole attachment	No
• front mounting with central attachment	No
• rail mounting	Yes

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

Declaration of Conformity	Test Certificates	Shipping Approval	other
 EG-Konf.	spezielle Prüfbescheinigung n	 BUREAU VERITAS	 GL

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/3KM5030-1AB01-Z A01>

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

<http://support.automation.siemens.com/WW/view/en/3KM5030-1AB01-Z A01/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KM5030-1AB01-Z A01

CAX-Online-Generator

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

Tender specifications

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