

Switch disconnecter with fuse in new design $I_n=250\text{ A}$, $U_e = 690\text{ V}$, 3-pole for BS88 fuse form B1/B3 basic version without 8UC6 handle and shaft with isolating contact strip for MCC



Figure similar

Model	
Product brand name	SETRON
Product designation	Switch Disconnecter with Fuses and Isolating Plug Connectors 3KM
version	Basic version without handle
Design type	plug connector on the top
Design of the operating mechanism	manual operating mechanism
Type of the driving mechanism / motor drive	No
Number of poles	3
Size of disconnecting link	Form B1-B3
Fuse system	fuses according to BS 88
Insulation voltage / rated value	1 000 V
Surge voltage resistance / rated value	8 000 V
Protection class	
Protection class IP	IP00
Dissipation	
Power loss [W]	

• for rated value of the current / at AC / in hot operating state / per pole	11 W
• maximum	33 W

Electricity

Operating current / at AC-21 / rated value	250 A
Continuous current / rated value	250 A
Let-through current / I _{2 t} / maximum permissible / in utilization category / AC-22 B / at 400 V	1 000 000 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	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
Suitability for use	
• EMERGENCY OFF switch	Yes
• safety switch	Yes
Product feature / interlock	Yes

Short circuit

Conditional rated short-circuit current / in utilization category	
• AC-21 A / at 400 V	100 kA
• AC-21 A / at 500 V	100 kA
• AC-21 B / at 400 V	100 kA
• AC-21 B / at 500 V	100 kA
• AC-22 A / at 400 V	100 kA
• AC-22 A / at 500 V	100 kA
• AC-22 B / at 400 V	100 kA
• AC-22 B / at 500 V	100 kA

Connections

Connectable conductor cross-section	
<ul style="list-style-type: none"> for main contacts <ul style="list-style-type: none"> — stranded / maximum 	150 mm ²
Type of connection, main circuit	flat connector bottom connection, M10
Type of electrical connection	
<ul style="list-style-type: none"> for main current circuit 	flat connector

Mechanical Design

Height	160 mm
Width	247 mm
Depth	279 mm
Type of mounting	plug-in version
Mounting position	any
Mounting type	clip-on
Mounting type	
<ul style="list-style-type: none"> front mounting with 4-hole attachment 	No
<ul style="list-style-type: none"> front mounting with central attachment 	No
<ul style="list-style-type: none"> rail mounting 	Yes

Certificates

Certificate of suitability	CE
Reference identifier / acc. to DIN EN 61346-2	Q

Declaration of Conformity	Test Certificates	Shipping Approval			
 EG-Konf.	Special Test Certificate	 BUREAU VERITAS	 GL	 LRS	 PRS

other

[Environmental Confirmations](#)

 [Miscellaneous](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3KM5530-1AG01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KM5530-1AG01>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3KM5530-1AG01

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

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