

Switch disconnecter with fuse in new design $I_u=400\text{ A}$, $U_e = 690\text{ V}$,
3-pole for LV HRC fuse Sz. 1 and 2 basic version without 8UC6
handle and shaft with isolating contact strip for MCC



Figure similar

Model	
Product brand name	SETRON
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	2 and 1
Fuse system	LV HRC fuse
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	29 W

Electricity	
Operating current / at AC-21 / rated value	400 A
Continuous current / rated value	400 A
Let-through current / I _{2t} / maximum permissible / in utilization category / AC-22 B / at 400 V	2 150 000 A ² ·s

Main circuit	
Number of poles / for main current circuit	3
Operating power	
<ul style="list-style-type: none"> at AC-23 A / at 400 V / at 50/60 Hz / rated value 	200 000 W
<ul style="list-style-type: none"> at AC-23 A / at 500 V / at 50/60 Hz / rated value 	200 000 W
<ul style="list-style-type: none"> at AC-23 A / at 690 V / at 50/60 Hz / rated value 	280 000 W
Operating voltage	
<ul style="list-style-type: none"> at AC / at 50/60 Hz / rated value 	690 V
<ul style="list-style-type: none"> at DC / rated value 	440 V
Rated current I _e / maximum / in utilization category	
<ul style="list-style-type: none"> AC-21 A / at 400 V 	400 A
<ul style="list-style-type: none"> AC-21 A / at 500 V 	400 A
<ul style="list-style-type: none"> AC-21 B / at 400 V 	400 A
<ul style="list-style-type: none"> AC-21 B / at 500 V 	400 A
<ul style="list-style-type: none"> AC-22 A / at 400 V 	400 A
<ul style="list-style-type: none"> AC-22 A / at 500 V 	400 A
<ul style="list-style-type: none"> AC-22 B / at 400 V 	400 A
<ul style="list-style-type: none"> AC-22 B / at 500 V 	400 A

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
Suitability for use	
<ul style="list-style-type: none"> EMERGENCY OFF switch 	Yes
<ul style="list-style-type: none"> safety switch 	Yes
Product feature / interlock	Yes

Short circuit	
Conditional rated short-circuit current / in utilization category	
<ul style="list-style-type: none"> AC-21 A / at 400 V 	50 kA
<ul style="list-style-type: none"> AC-21 A / at 500 V 	50 kA
<ul style="list-style-type: none"> AC-21 B / at 400 V 	50 kA
<ul style="list-style-type: none"> AC-21 B / at 500 V 	50 kA
<ul style="list-style-type: none"> AC-22 A / at 400 V 	50 kA
<ul style="list-style-type: none"> AC-22 A / at 500 V 	50 kA
<ul style="list-style-type: none"> AC-22 B / at 400 V 	50 kA

• AC-22 B / at 500 V

50 kA

Connections

Connectable conductor cross-section	
• for main contacts — stranded / maximum	240 mm ²
Type of connection, main circuit	flat connector bottom connection, M10
Type of electrical connection	
• 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	
• 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
Reference code / acc. to DIN EN 61346-2	Q

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

other
Environmental Conformations

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?mlfb=3KM5730-1AB01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KM5730-1AB01>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KM5730-1AB01

CAX-Online-Generator

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

Tender specifications

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