

SWITCH DISCONNECTOR FUSE NEW DESIGN IU=400A,
UE=690V, 3-POLE FOR LV HRC FUSE SIZE 1 AND 2 BASIC
VERSION WITHOUT 8UC6 HANDLE AND SHAFT W. ISOLATING
PLUG CONN. FOR MCC



Figure similar

Model	
product brandname	SETRON
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	86 W
Electricity	
Let-through current / I ₂ t / 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	
• at AC-23 A / at 400 V / at 50/60 Hz / rated value	200 000 W
• at AC-23 A / at 500 V / at 50/60 Hz / rated value	200 000 W
• at AC-23 A / at 690 V / at 50/60 Hz / rated value	280 000 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	400 A
• AC-21 A / at 500 V	400 A
• AC-21 B / at 400 V	400 A
• AC-21 B / at 500 V	400 A
• AC-22 A / at 400 V	400 A
• AC-22 A / at 500 V	400 A
• AC-22 B / at 400 V	400 A
• AC-22 B / at 500 V	400 A

Short circuit

Conditional rated short-circuit current / in utilization category	
• AC-21 A / at 400 V	50 kA
• AC-21 A / at 500 V	50 kA
• AC-21 B / at 400 V	50 kA
• AC-21 B / at 500 V	50 kA
• AC-22 A / at 400 V	50 kA
• AC-22 A / at 500 V	50 kA
• 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
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	 LRS	sonstig

other
Umweltbestätigung

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/3KM5730-1AB01
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3KM5730-1AB01/all
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