



MAIN SWITCH 6-POLE IU=63,
P/AC-23A AT 400V=22KW 2 N-TERMINAL MOULDED-
PLASTIC ENCLOSURED,
IP65

Similar to image






General technical details:

product brand name		SETRON
Product designation		main and EMERGENCY-OFF switches
Design of the operating mechanism		rotary actuator, black
Type from device		fixed mounting
Protection class IP		IP65
Number of poles		6
Mounting type		floor mounting
• front mounting		No
• rail mounting		No
• series installation		No
Insulation voltage / rated value	V	690
Continuous current / rated value	A	63
Product equipment / interlock		Yes
Design of the electrical connection		
• for auxiliary contact		connection terminals
• for main current circuit		connection terminals
Type of the driving mechanism / motor drive		No
Number of NC contacts / for auxiliary contacts		0

Impulse voltage resistance / rated value	V	6,000
Number of NO contacts / for auxiliary contacts		0
Number of changeover contacts / for auxiliary contacts		0
Operating current / at AC-21 / rated value	A	63
Operating voltage		
• of the auxiliary contacts / for AC / maximum	V	500
• at 50/60 Hz / for AC / rated value	V	690
Service power / at AC-3		
• at 400 V / rated value	kW	18.5
• at 690 V / rated value	kW	15
Short-time current resistance (I_{cw}) / at 690 V / limited to 1 s / rated value	A	1,260
Depth	mm	181
Height	mm	302
Width	mm	212
Mechanical operating cycles as operating time / of the main contacts / typical		100,000
Active power loss / per conductor / typical	W	4.5
Design of the fuse link / for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A
Connectable conductor cross-section		
• for main contacts		
• single- or multi-stranded	mm ²	2.5 ... 35
• stranded	mm ²	2.5 ... 35
• stranded wire / with conductor end processing / maximum	mm ²	16
• for auxiliary contact		
• finely stranded		
• with conductor end processing	mm ²	0.75 ... 2.5
• single- or multi-stranded	mm ²	0.75 ... 4
• stranded	mm ²	0.75 ... 4
Type of the connectable conductor cross-section		
• for auxiliary contacts		
• finely stranded / with conductor end processing		2x (0.75 ... 1.5 mm ²), 1x 2.5 mm ²
Ambient temperature / during operating	°C	-25 ... +55
Protection against electrical shock		finger-safe
Operating cycles / maximum	1/h	50
Acceptability for application		
• main switch		Yes
• switch disconnecter		Yes
• maintenance/repair switch		Yes

• safety cut-out switch		Yes
• emergency stop switch		No
Product extension / optional		
• motor drive		No
• voltage trigger		No
Mounting type		
• front mounting with central attachment		Yes
• front mounting with 4-hole attachment		No
Operating frequency		
• initial value	Hz	50
• final value	Hz	60
Design of the fuse link / for short-circuit protection of the main circuit / necessary		fuse gL/gG: 63 A
Service power / at AC-23 A		
• at 400 V / rated value	kW	22
• at 690 V / rated value	kW	18.5
Insulation voltage / of the auxiliary switch / rated value	V	500
Continuous current / of the auxiliary contact / rated value	A	10
Item designation		
• according to DIN EN 61346-2		S

Certificates/approvals:

General Product Approval			Test Certificates	Shipping Approval	
 CSA	 GOST	 UL	Special Test Certificate	 GL	 LRS
other					
Declaration of Conformity		Environmental Confirmations			

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/3LD2566-3VB51>

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

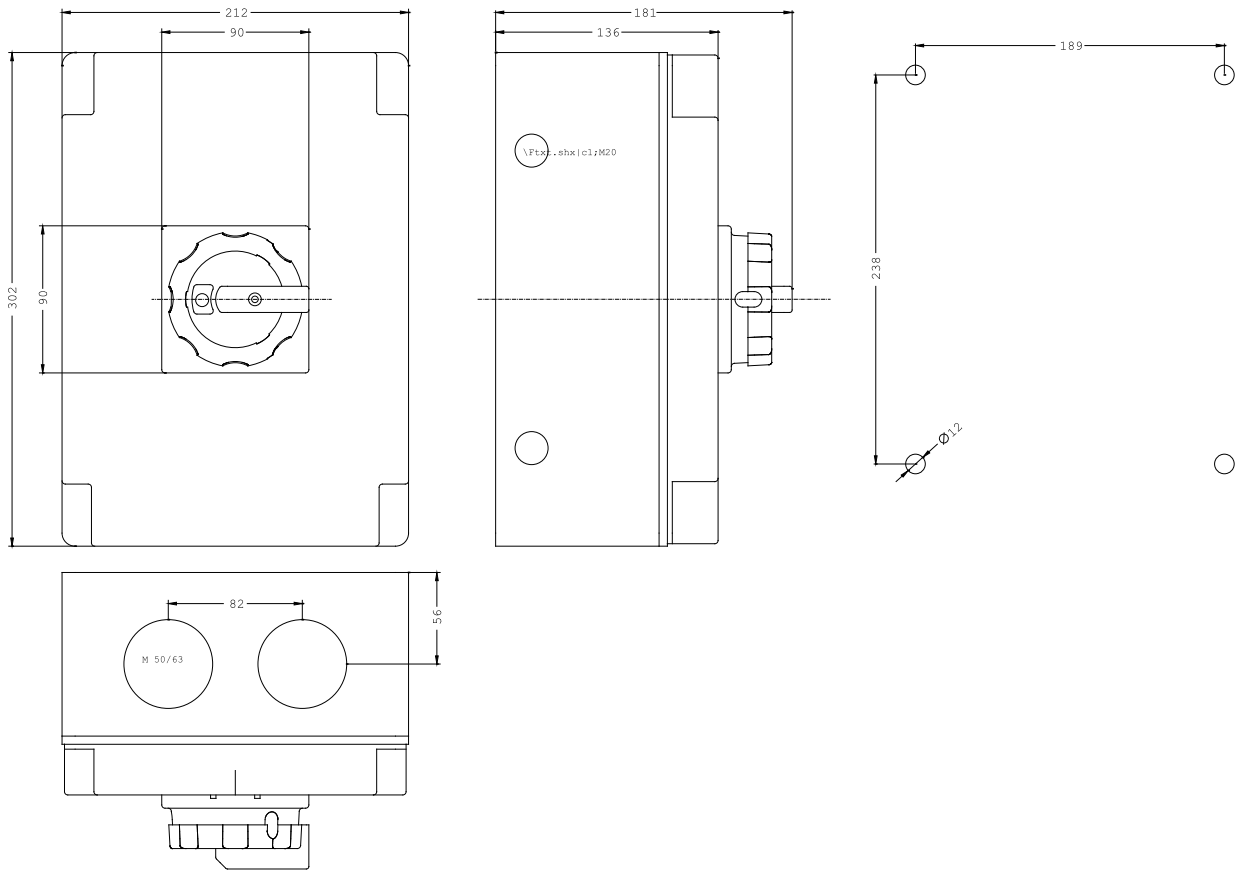
<http://support.automation.siemens.com/WW/view/en/3LD2566-3VB51/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2566-3VB51

CAX-Online-Generator

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



last change:

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