SIEMENS

Product data sheet 3LD2566-4VD51



MAIN SWITCH 6-POLE IU=63, P/AC-23A AT 400V=22KW 1NO+1NC, 1 N-TERMINAL MOULDED-PLASTIC ENCLOSURED, IP65

Similar to image

General technical details:				
product brand name		SENTRON		
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	А	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		1		
Impulse voltage resistance / rated value	V	6,000		

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Number of NO contacts / for auxiliary contacts		1
Number of changeover contacts / for auxiliary contacts		0
Operating current / at AC-21 / rated value	Α	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 (lcw) / at 690 V / limited to 1 s / rated value	А	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
Conductor cross section that can be connected		
• for main contacts		
• single- or multi-stranded	mm²	2.5 35
• stranded	mm²	2.5 35
• stranded wire / with conductor end processing / maximum	mm²	16
• for auxiliary contacts		
• finely stranded		
 with conductor end processing 	mm²	0.75 2.5
• single- or multi-stranded	mm²	0.75 4
• stranded	mm²	0.75 4
Type of the connectable conductor cross-section		
• for auxiliary contacts / solid		50
 for main contacts / finely stranded / with conductor end processing 		16
• for auxiliary contacts		
• finely stranded / with conductor end processing		2x (0.75 1.5 mm2), 1x 2.5 mm2
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 disconnector		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	Α	10
Item designation		
according to DIN EN 61346-2		S

Certificates/approvals:

General Product Approval

P



Test Certificates

Special Test Certificate



Shipping Approval

GL

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/3LD2566-4VD51

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

http://support.automation.siemens.com/WW/view/en/3LD2566-4VD51/all

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

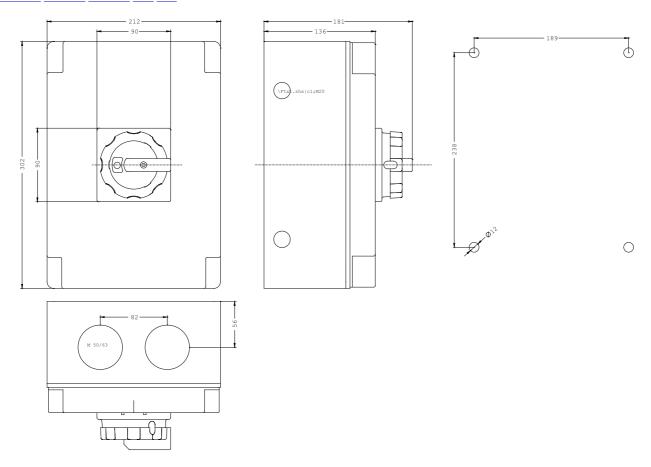
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2566-4VD51

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

Datanorm GAEB81 GAEB83 RTF TXT



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