SIEMENS

Product data sheet 5SP3750-1



MAIN CIRCUIT BREAKER (SHU) SELECTIVE, 3X1POLE, 50A MOUNTED ON SHU-ADAPTER 5ST1324 AND 3 ATTRIBUTIVED PROTECTIVE COVER 5ST1323

Similar to image

Technical data:			
Type of fixing/fixation / other installation / Note		With accessories on 35-mm standard mounting rail or busbar or screw fixing	
Type of mounting		standard rail	
Depth	mm	92	
Current / for AC / rated value	Α	50	
Tripping characteristic class		E	
Supply voltage			
• for AC / rated value	V	400	
• with single-phase operation / with AC / rated value	V	230	
• with multi-phase operation / with AC / rated value	V	400	
Operating voltage			
• rated value	V	110 440	
Number of poles		3	
Breaking capacity current			
• acc. to EN 60898 / rated value	kA	25	
• rated value	kA	25	
Number of pitch units for width		6	
Product feature / sealable		Yes	

Degree of pollution 3 Ambient temperature °C -25 +55 Ambient temperature °C -40 +75 • during storage °C -40 +75 Product property / properties for main switches in accordance with EN 60204-1 Yes Mechanical operating cycles as operating time / typical 20,000 Resistance against vibration / according to IEC 60068-2-6 2 g, 20 frequency cycles 5 to 150 to 15 Hz Overvoltage class IV Impulse voltage resistance / rated value kV 6 Resistance against shock 30 g, at least 3 impacts, impact duration 11 ms Insulation voltage / rated value V 690 Design of the display / for indicating switch position OFF = green, ON = red Product component / saddle terminals Yes Conductor cross-section that can be connected * solid • solid mm² 2.5 50 • multibrin mm² 2.5 70			
Ambient temperature * during storage * during storage * during storage * during storage * Any Product property / properties for main switches in accordance with EN 60204-1 Mechanical operating cycles as operating time / typical Resistance against vibration / according to IEC 60068-2-6 2 g, 20 frequency cycles 5 to 150 to 15 Hz Overvoltage class IV Impulse voltage resistance / rated value Resistance against shock Resistance against shock Resistance against shock OPFF = green, ON = red Product component / saddle terminals Conductor cross-section that can be connected * solid * mm² 2.5 50 mm² 2.5 70	Degree of pollution		3
• during storage Position / of power supply cord Any Product property / properties for main switches in accordance with EN 60204-1 Mechanical operating cycles as operating time / typical Resistance against vibration / according to IEC 60068-2-6 Overvoltage class IV Impulse voltage resistance / rated value Resistance against shock Resistance against shock Resistance against shock Insulation voltage / rated value V 690 Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin mm² 2.5 50 mm² 2.5 70	Ambient temperature	°C	-25 +55
Position / of power supply cord Product property / properties for main switches in accordance with EN 60204-1 Mechanical operating cycles as operating time / typical Resistance against vibration / according to IEC 60068-2-6 2 g, 20 frequency cycles 5 to 150 to 15 Hz Overvoltage class IV Impulse voltage resistance / rated value kV 6 Resistance against shock Resistance against shock Insulation voltage / rated value V 690 Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin • multibrin	Ambient temperature		
Product property / properties for main switches in accordance with EN 60204-1 Mechanical operating cycles as operating time / typical Resistance against vibration / according to IEC 60068-2-6 Overvoltage class IV Impulse voltage resistance / rated value Resistance against shock Resistance against shock Insulation voltage / rated value Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin • multibrin Yes Yes Yes Yes V 690 OFF = green, ON = red Yes Conductor cross-section that can be connected • solid • multibrin mm² 2.5 50 mm² 2.5 70	during storage	°C	-40 +7 5
with EN 60204-1 Mechanical operating cycles as operating time / typical Resistance against vibration / according to IEC 60068-2-6 Overvoltage class IV Impulse voltage resistance / rated value Resistance against shock Resistance against shock Insulation voltage / rated value V 690 Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin • mm² 2.5 50 mm² 2.5 70	Position / of power supply cord		Any
Resistance against vibration / according to IEC 60068-2-6 Overvoltage class IV Impulse voltage resistance / rated value Resistance against shock Insulation voltage / rated value Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin • mm² 2 g, 20 frequency cycles 5 to 150 to 15 Hz IV 6 OFF OFF OFF OFF OFF OFF OFF			Yes
Overvoltage class IV Impulse voltage resistance / rated value Resistance against shock Insulation voltage / rated value Output Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin IV 690 OFF = green, ON = red Yes Conductor cross-section that can be connected • mm² 2.5 50 mm² 2.5 70	Mechanical operating cycles as operating time / typical		20,000
Impulse voltage resistance / rated value kV 6 Resistance against shock 30 g, at least 3 impacts, impact duration 11 ms Insulation voltage / rated value V 690 Design of the display / for indicating switch position OFF = green, ON = red Product component / saddle terminals Yes Conductor cross-section that can be connected • solid • multibrin mm² 2.5 50 • multibrin mm² 2.5 70	Resistance against vibration / according to IEC 60068-2-6		2 g, 20 frequency cycles 5 to 150 to 15 Hz
Resistance against shock Insulation voltage / rated value V 690 Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin • multibrin • solid • multibrin 30 g, at least 3 impacts, impact duration 11 ms V 690 OFF = green, ON = red Yes 2.5 50 mm² 2.5 50	Overvoltage class		IV
Insulation voltage / rated value Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin • multibrin V 690 OFF = green, ON = red Yes Yes 2.5 50 mm² 2.5 50	Impulse voltage resistance / rated value	kV	6
Design of the display / for indicating switch position Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin OFF = green, ON = red Yes The special of the display / for indicating switch position Yes 2.5 50 mm² 2.5 70	Resistance against shock		30 g, at least 3 impacts, impact duration 11 ms
Product component / saddle terminals Conductor cross-section that can be connected • solid • multibrin Product component / saddle terminals Yes The section that can be connected mm² 2.5 50 mm² 2.5 70	Insulation voltage / rated value	V	690
Conductor cross-section that can be connected • solid • multibrin mm² 2.5 50 mm² 2.5 70	Design of the display / for indicating switch position		OFF = green, ON = red
• solid	Product component / saddle terminals		Yes
• multibrin mm² 2.5 70	Conductor cross-section that can be connected		
	• solid	mm²	2.5 50
	• multibrin	mm²	2.5 70
• finely stranded	• finely stranded		
• with wire end processing mm² 2.5 50	with wire end processing	mm²	2.5 50

Certificates/approvals:

General Product Approval Declaration of Conformity

other





other

Further information:

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

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

Industry Mall (Online ordering system)

http://www.siemens.com/lowvoltage/mall

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

 $\underline{\text{http://support.automation.siemens.com/WW/view/en/5SP3750-1/all}}$

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

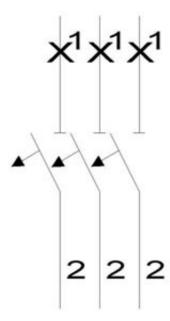
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SP3750-1

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

Datanorm GAEB81 GAEB83 RTF TXT



last change: Jan 23, 2013