SIEMENS

Product data sheet

3LD2514-0TK53



EMERG. STOP SWITCH 3-POLE IU=63, P/AC-23A AT 400V=22KW FLOOR MOUNTING DIN RAIL/TWO-HOLE MOUNTING ROTARY ACTUATOR RED/YELLOW (EMERG. STOP)

Similar to image

General technical details:					
product brand name		SENTRON			
Design of the operating mechanism		rotary actuator, red/yellow			
Type from device		fixed mounting			
Protection class IP		IP65			
Number of poles		3			
Mounting type		floor mounting			
front mounting		No			
rail mounting		No			
series installation		Yes			
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		0			
Impulse voltage resistance / rated value	V	6,000			

Induction Image of induction Image of induction Operating outge A 63 Operating voltage F F • of the sulliary contacts / for AC / maximum V 690 Service power / at AC-3 V 690 • at 400 V/ ford value KW 18.5 • at 400 V/ ford value KW 18.5 • at 400 V/ ford value KW 12800 • at 400 V/ ford value KW 12800 • at 400 V/ ford value M 48.5 • at 400 V/ ford value mm 48.5 • at 400 V/ ford value mm 90 Virated value mm 90 Bepth mm 100.000 Midth mm 90 Mochanical operating cycles as operating time / of the main contacts / typical W 4.5 Design of the fuse link / for short-circuit protection of the auxiliary sonth / regulared mm ² 2.5	Number of NO contacts / for auxiliary contacts	_	0
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Operating voltageImage: set of the auxiliary contacts / for AC / maximumV500• of the auxiliary contacts / for AC / maximumV500• af 400 V / ford valueV80• af 400 V / rand valueV8.5• af 400 V / rand valueKW15.5• af 400 V / rand valueKW15.6• af 400 V / rand valueKW18.6• af 400 V / rand valuermm488.5• af 400 V / rand valuermm108• bothrmm10.0000• fadd valueMW4.5• fadd valueMW4.5• fadd valuermm10.0000• for main contactsrmm10.0000• for main contactsrmm2.535• indig or multi-strandedrmm ² 2.535• indig or multi-strandedrmm ² 2.535• indig or multi-strandedrmm ² 2.535• indig or multi-strandedrmm ² 0.754• indig or multi-strandedrmm ²		Δ	
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• at 50/00 Hz / for AC / rand valueV600Service power / at AC-3		V	500
Service power / at AC-3 Mathematical operation • at 400 V / rated value KW 18.5 • at 690 V / rated value KW 15 Short-time current resistance (low) / at 690 V / limited to 1 s / rated value A 1,260 Depth mm 468.5 1 Might mm 106 1 Width mm 90 1 1 Mechanical operating cycles as operating time / of the main contacts / typical W 4.5 1 Design of the fuse link / for short-circuit protection of the axiliary switch / required Mm 2.5 35 1 - for main contacts mm ² 2.5 35 1 1 - stranded wile / wile conductor end processing / maximum mm ² 2.5 35 1 - for main contacts mm ² 0.75 4 1 1 - stranded mm ² 0.75 4 1 1 1 - stranded mm ² 0.75 4 1 1 1 1 1 1 1 1 1 1			
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rated valueinitial content is a special content		-	
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contacts / typical Ideal Ideal Active power loss / per conductor / typical W 4.5 Design of the fuse link / for short-circuit protection of the auxiliary switch / required If use gL/gG: 10 A Conductor cross section that can be connected If use gL/gG: 10 A • for main contacts mm ² 2.5 35 • for main contacts mm ² 2.5 35 • stranded mm ² 2.5 35 • tranded wire / with conductor end processing / maximum mm ² 16 • for auxiliary contacts mm ² 0.75 4 • with conductor end processing mm ² 0.75 4 • with conductor end processing mm ² 0.75 4 • stranded mm ² 0.75 4 • stranded mm ² 0.75 4 • for auxiliary contacts / solid m ² 0.75 4 • for auxiliary contacts / solid 50 16 • for auxiliary contacts 50 2 • for auxiliary contacts / solid 50 2 • for auxiliary contacts 2 2	Width	mm	90
Design of the fuse link for short-circuit protection of the auxiliary switch / requiredFuse gL/gG: 10 AConductor cross section that can be connected • for main contactsmm22.5 35• for main contactsmm22.5 35• strandedmm22.5 35• stranded wire / with conductor end processing / maximummm216• for auxiliary contactsmm20.75 2.5• finely strandedmm20.75 4• with conductor end processingmm20.75 4• strandedmm20.75 4• strandedmm20.75 4• for auxiliary contacts5016• for auxiliary contacts / solid5016• for auxiliary contacts / solid5016• for auxiliary contacts / solid502x (0.75 1.5 mm2), 1x 2.5 mm2• for auxiliary contacts / solid°C25 55• for auxiliary contactsm150• for auxiliary contacts1/h50• for application1/h50• for application1/h50			100,000
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+ single- or multi-strandedmm22.535• stranded wire / with conductor end processing / maximummm22.535• for auxiliary contactsmm216• for auxiliary contactsmm20.752.5• single- or multi-strandedmm20.754• strandedmm20.754• strandedmm20.754• strandedmm20.754• for auxiliary contacts / solid5016• for auxiliary contacts / solid5016• for auxiliary contacts / finely stranded / with conductor end processing2x (0.751.5 mm2), 1x 2.5 mm2• for auxiliary contacts2x (0.751.5 mm2), 1x 2.5 mm2• for auxiliary contacts5016• finely stranded / with conductor end processing50• finely stranded / with conductor end processing50• for auxiliary contacts50• for auxiliary contacts50• for auxiliary contacts50• for auxiliary contacts50• finely stranded / with conductor end processing50• for auxiliary contacts50• for auxiliary contacts50• for auxiliary contacts50 <t< td=""><td>Conductor cross section that can be connected</td><td>_</td><td></td></t<>	Conductor cross section that can be connected	_	
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• finely strandedImm20.75 2.5• with conductor end processingmm20.75 4• single- or multi-strandedmm20.75 4• strandedmm20.75 4Type of the connectable conductor cross-sectionFor auxiliary contacts / solid50• for auxiliary contacts / finely stranded / with conductor end processing16• for auxiliary contacts2x (0.75 1.5 mm2), 1x 2.5 mm2• for auxiliary contacts2x (0.75 1.5 mm2), 1x 2.5 mm2• for auxiliary contacts1• finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm2• finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm2• for auxiliary contacts1finger-safe• fortection against electrical shock11/h50• foreating cycles / maximum11/h50• main switchYesYes	 stranded wire / with conductor end processing / maximum 	mm²	16
• with conductor end processingmm20.75 2.5• single- or multi-strandedmm20.75 4• strandedmm20.75 4Type of the connectable conductor cross-sectionmm250• for auxiliary contacts / solid5016• for auxiliary contacts / finely stranded / with conductor end processing162x (0.75 1.5 mm2), 1x 2.5 mm2• finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm210• finely stranded / with conductor end processing1050• for auxiliary contacts11/h5050• forection against electrical shock11/h50• main switch11/h5050	for auxiliary contacts		
• single- or multi-strandedmm20.75 4• strandednm20.75 4Type of the connectable conductor cross-sectionnm20.75 4• for auxiliary contacts / solid5050• for main contacts / finely stranded / with conductor end processing1620• finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm221• finely stranded / with conductor end processing°C25 55• finely stranded / with conductor end processing1/h50• fortection against electrical shock1/h50• main switch1/h50	finely stranded		
· strandedmm²0.75 4Type of the connectable conductor cross-section • for auxiliary contacts / solid50· for auxiliary contacts / solid16· for main contacts / finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm2· finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm2· finely stranded / with conductor end processing°C25 55· finely stranded / with conductor end processing11/h50· for auxiliary contacts11/h50· for auxiliary contacts11/h50· main switch· main switch· main switch	 with conductor end processing 	mm²	0.75 2.5
Type of the connectable conductor cross-sectionImage: content of auxiliary contacts / solidSolid• for auxiliary contacts / solid50• for main contacts / finely stranded / with conductor end processing16• for auxiliary contacts2x (0.75 1.5 mm2), 1x 2.5 mm2• finely stranded / with conductor end processing°C• finely stranded / with conductor end processing50• finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm2• finely stranded / with conductor end processing10• fortection against electrical shock11Operating cycles / maximum11/h• main switchYes	 single- or multi-stranded 	mm²	0.75 4
• for auxiliary contacts / solid50• for main contacts / finely stranded / with conductor end processing16• for auxiliary contacts2x (0.75 1.5 mm2), 1x 2.5 mm2• finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm2• finely stranded / with conductor end processing°C• finely stranded / with conductor end processing10• finely stranded / with conductor end processing°C• finely stranded / with conductor e	stranded	mm²	0.75 4
• for main contacts / finely stranded / with conductor end processing • for auxiliary contacts • finely stranded / with conductor end processing16• for auxiliary contacts • finely stranded / with conductor end processing2x (0.75 1.5 mm2), 1x 2.5 mm2• Ambient temperature / during operating°C25 55• Protection against electrical shockInger-safe• Operating cycles / maximum1/h50• main switchYes	Type of the connectable conductor cross-section		
processingImage: Second se	 for auxiliary contacts / solid 		50
• finely stranded / with conductor end processingImage: Constant Strands and			16
Ambient temperature / during operating°C2555Protection against electrical shockImage: finger-safeOperating cycles / maximum1/h50Acceptability for application • main switchImage: finger-safeYesYes	for auxiliary contacts		
Protection against electrical shock finger-safe Operating cycles / maximum 1/h 50 Acceptability for application • main switch Yes	 finely stranded / with conductor end processing 		2x (0.75 1.5 mm2), 1x 2.5 mm2
Operating cycles / maximum 1/h 50 Acceptability for application main switch Yes 	Ambient temperature / during operating	°C	25 55
Acceptability for application Yes	Protection against electrical shock		finger-safe
• main switch Yes	Operating cycles / maximum	1/h	50
	Acceptability for application		
• switch disconnector Yes	• main switch		Yes
	switch disconnector		Yes

maintenance/repair switch		Yes
safety cut-out switch		Yes
emergency stop switch		Yes
Product extension / optional		
motor drive		No
voltage trigger		No
Mounting type		
 front mounting with central attachment 		No
 front mounting with 4-hole attachment 		Yes
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	А	10
Item designation		
according to DIN EN 61346-2		S

Certificates/approvals:

General Product A	pproval		Test Certificates	Shipping Approval
	(SA	GOST	Special Test Certificate	GL
other				
Declaration of Conformity	Environmental Confirmations			
Further information	on:			

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/3LD2514-0TK53

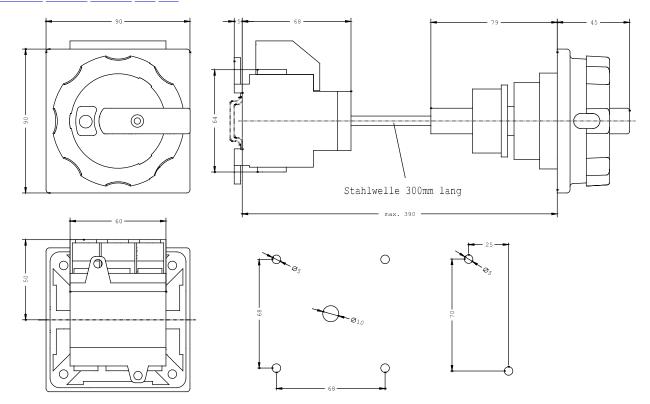
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3LD2514-0TK53/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2514-0TK53

CAx-Online-Generator

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Tender specifications Datanorm GAEB81 GAEB83 RTF TXT



last change:

Aug 23, 2014