SIEMENS

Data sheet

3LD3250-1TK13



Load disconnector 3LD3, lu 32 A Main switch 3-pole Rated operating capacity for AC-23 A at 400V 11.5kW Front plate mounting Basic switch with Central hole mounting 22.5mm Toggle drive red / yellow 48x48 mm with auxiliary switch 1OE + 1S

Model		
product brand name	SENTRON	
product designation	3LD Switch disconnector	
design of the product	EMERGENCY-STOP switch	
display version / for switch position indicator manual operation	1 ON - 0 OFF	
design of the actuating element	selector switch	
design of handle	knob-operated mechanism, red/yellow	
type of the driving mechanism / motor drive	No	
General technical data		
number of poles	3	
number of poles / note	3	
type of device	fixed mounting	
type of switch	front mounted	
mechanical service life (switching cycles) / typical	100 000	
electrical endurance (switching cycles)		
• at AC-23 A / at 690 V	6 000	
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	9 kA2.s	
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	9 kA2.s	
operating frequency / maximum	50 1/h	
Voltage		
insulation voltage / rated value	690 V	
surge voltage resistance / rated value	6 kV	
Protection class		
protection class IP	IP65	
degree of protection NEMA rating	1, 3R, 4X, 12	
protection class IP / on the front	IP65	
Dissipation		
power loss [W]		
 for rated value of the current / at AC / in hot operating state / per pole 	1.8 W	
per conductor / typical	2 W	
Current		
operational current		
● at 40 °C / rated value	32 A	
• at 45 °C / rated value	32 A	
● at 50 °C / rated value	32 A	
● at 55 °C / rated value	32 A	

• at AC21 / at 650 V / rated value 32 A • at AC2 / A / at 40 V / rated value 32 A • at AC2 / A / at 40 V / rated value 32 A • at AC2 / A / at 40 V / rated value 32 A • at 40 V / for combination switch + gG fuse / maximum 4.5 kA • at 40 V / for combination switch + gG fuse / maximum 5 KA • at 40 V / for combination switch + gG fuse / maximum 5 KA • at AC23 A / at 40 V / rated value 6 kW • at AC23 A / at 40 V / rated value 1 / KW • at AC23 A / at 40 V / rated value 1 / KW • at AC23 A / at 40 V / rated value 1 / KW • at AC23 A / at 40 V / rated value 5 / KW • at AC23 A / at 40 V / rated value 1 / KW • at AC23 / at 400 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW • at AC3 / at 40 V / rated value 9 / KW <td< td=""><td> at AC / rated value </td><td>32 A</td></td<>	 at AC / rated value 	32 A
• at AC-21 Ar / at 240 V/ rated value 32 A operational current / vith closed switch 92 A Ist-Trough current / vith closed switch 4 5 KA maximum • at 400 V/ for combination switch + gG fuse / 5 KA maximum permisable 5 KA Main circuit 92 A operational current / vith closed switch 6 fuse / • at 600 V / for combination switch + gG fuse / 5 KA maximum permisable 6 KW • at AC-23 Ar ist 240 V / rated value 1 K W • at AC-23 Ar ist 240 V / rated value 1 K W • at AC-32 Ar ist 240 V / rated value 1 K W • at AC-32 Ar ist 240 V / rated value 1 K W • at AC-32 Ar ist 240 V / rated value 1 K W • at AC-32 Ar ist 240 V / rated value 1 K W • at AC-32 Ar ist 240 V / rated value 5 K W • at AC-37 at 400 V / rated value 5 K W • at AC-37 at 400 V / rated value 5 K W • at AC-37 at 400 V / rated value 5 K W • at AC-37 at 400 V / rated value 10 K • at AC-37 at 400 V / rated value 10 K • at AC-37 at 400 V / rated value 10 K • at AC-37 at 400 V / rated value 10 A • number of NC contacts / for auxillary contacts 1 • operational current / rated va	 at AC-23 A / at 400 V / rated value 	
• et AC-21 A / pt 44 0V / / rated value 32 A operational current / of uppersem fuse / rated value 32 A • et A4U V / / for combination switch + gG fuse / maximum 4.5 kA • at 800 V / / for combination switch + gG fuse / maximum 5 kA • at 800 V / / for combination switch + gG fuse / maximum 5 kA • at AC-23 A / at 240 V / rated value 5 kA • at AC-23 A / at 240 V / rated value 1.5 kW • at AC-23 A / at 400 V / rated value 1.5 kW • at AC-33 A / at 400 V / rated value 1.5 kW • at AC-31 at 400 V / rated value 1.5 kW • at AC-31 at 400 V / rated value 2.2 kW • at AC-31 at 400 V / rated value 3.2 k Maximum combact / for auxiliary contacts 0 number of Co contacts / for auxiliary contacts 1 number of No contacts / for auxiliary contacts 1 operating votage / of auxiliary contacts 10 A insultion votage / of the auxiliary contacts 10 A insultion votage / of the auxiliary contacts 10 A insultion votage / of the auxiliary contacts 10 A insultion votage / of the auxiliary contacts 10 A	 at AC-21 / at 690 V / rated value 	32 A
operational current / of upstream fise / rated value 32 A let-Hrougin current / with closed withch 32 A let-Hrougin current / with closed withch 45 KA et 6800 // for combination switch + gG tuse / maximum permissible 5 KA maximum permissible 6 KW et A CC33 A rait 240 V / rated value 6 KW et A CC33 A rait 240 V / rated value 12 KW et A CC33 A rait 240 V / rated value 12 KW et A CC33 A rait 240 V / rated value 12 KW et A CC33 A rait 240 V / rated value 13 KW et A CC33 A rait 240 V / rated value 15 KW et A CC33 A rait 240 V / rated value 15 KW et A CC33 A rait 260 V / rated value 16 KW et A CC3 a rait 600 V / rated value 10 KW et A CC3 a rait 600 V / rated value 10 KW et A CC3 a rait 600 V / rated value 10 A number of NC contacts / for auxillary contacts 1 operating value / rated value 10 A insubstom value / rated value 10 A insubstom value / rated value 10 A insubstom value / rated value 10 A insubs	 at AC-21 A / at 240 V / rated value 	
isd:Trough current / with closed switch 4.5 kA • at 460 // for combination switch + gG fuse / maximum permissible 5.kA Main circoit operating power • at AC-23 Ar at 240 / rated value 5.kA • at AC-23 Ar at 240 / rated value 12.kW • at AC-23 Ar at 240 / rated value 12.kW • at AC-23 Ar at 240 / rated value 12.kW • at AC-23 Ar at 240 / rated value 12.kW • at AC-23 Ar at 240 / rated value 12.kW • at AC-31 at 240 / rated value 22.A Munifiery circuit 0 number of Co contexts / for auxiliary contacts 1 number of Co contacts / for auxiliary contacts 1 - operating during / during contacts 1 - operating during / during contacts 10 A meaber of No contacts / in auxiliary contact 10 A meaber of No contacts / in auxiliary contact 10 A meaber of No contacts / in auxiliary contact 10 A meaber of No contacts / in auxiliary contact 10 A meaber of No contacts / in auxiliary contact 10 A meaber of No contacts / in auxiliary contact 10 A meaber of No contacts / in auxiliary contact <	at AC-21 A / at 440 V / rated value	32 A
• at 440 V / for combination switch + gG fuse / maximum 4.5 kA • at 690 V / for combination switch + gG fuse / maximum permissible 5 kA Main circuit operating power • at AC-23 A / at 240 V / rated value 0 kW • at AC-23 A / at 240 V / rated value 12 kW • at AC-23 A / at 240 V / rated value 12 kW • at AC-23 A / at 240 V / rated value 12 kW • at AC-3 A / at 240 V / rated value 12 kW • at AC-3 A / at 240 V / rated value 12 kW • at AC-3 / at 240 V / rated value 12 kW • at AC-3 / at 240 V / rated value 95 kW • at AC-3 / at 400 V / rated value 95 kW • at AC-3 / at 400 V / rated value 95 kW • at AC-3 rated value 95 kW • at AC-3 rated value 96 kW • at AC-3 rated value 90 kW • at AC-3 rated value 00 kW • at AC-3 rated value 00 kW • at AC-3 rated value<td>operational current / of upstream fuse / rated value</td><td>32 A</td>	operational current / of upstream fuse / rated value	32 A
maximum a reading 5 kA maximum permissible 6 kW at AC-23 A / at 440 V / rated value 6 kW at AC-23 A / at 440 V / rated value 12 kW at AC-23 A / at 440 V / rated value 12 kW at AC-23 A / at 40 V / rated value 12 kW at AC-23 A / at 40 V / rated value 15 kW at AC-23 A / at 40 V / rated value 5 kW at AC-23 A / at 40 V / rated value 5 kW at AC-23 A / at 40 V / rated value 5 kW at AC-23 A / at 40 V / rated value 5 kW operational current / rated value 5 kW operational current / rated value 5 kW operational culturent / rated value 50 W operational culturent / rated value 50 W operating valueg / of axuliary contacts 1 number of NC contacts / for axuliary contacts 1 ontimuus current / rated value 500 V oblications 600 V sutation 600 V sutation 600 V sutation 7 maximum sutation 7 maximum sutation 600 V sutation <	let-through current / with closed switch	
• at 600 V/ for combination switch + gG fuse / maxmum permissible 5 KA Main circuit operating power et al AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value bt AC-23 A / at 400 V / rated value bt AC-23 A / at 400 V / rated value bt AC-23 / at 400 V / rated value bt AC-23 / at 400 V / rated value bt AC-23 / at 400 V / rated value bt AC-3 / at 400 V / rated value bt AC-3 / rat 400 V / rated value bt AC-3 / rat 400 V / rated value bt AC-3 / rat 400 V / rated value bt AC-3 / rat 400 V / rated value bt AC-3 / rat 400 V / rated value bt AC-3 / rat 400 V / rated value bt AC-3 / rat 400 V / rated value bt AC-3 / rat 400 V / rated value bt AC-3 / rated value bt AC-3 / rated value continuda / for auxiliary contacts contacts contacts<!--</td--><td></td><td>4.5 kA</td>		4.5 kA
maintain permissible Mine Circuit • al AC-23 A / at 40 V / rated value 5 kW • al AC-23 A / at 40 V / rated value 12 kW • al AC-23 A / at 40 V / rated value 15 kW • al AC-23 A / at 40 V / rated value 15 kW • al AC-33 / at 680 V / rated value 5 kW • at AC-3 / at 680 V / rated value 5 kW • at AC-3 / at 680 V / rated value 5 kW • at AC-3 / rated value 9 kW • at AC-3 / rated value		
Main circuit operating power • at AC-23 A / at 40 V / rated value • at AC-23 A / at 40 V / rated value • at AC-23 A / at 40 V / rated value • at AC-23 A / at 40 V / rated value • at AC-33 / at 400 V / rated value • at AC-33 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / rated va		5 kA
operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 440 V / rated value bt AC-23 A / at 440 V / rated value bt AC-23 A / at 440 V / rated value bt AC-23 A / at 440 V / rated value bt AC-23 A / at 440 V / rated value bt AC-23 A / at 440 V / rated value bt AC-23 A / at 440 V / rated value bt AC-23 / at 240 V / rated value bt AC-3 / at 260 V / rated value ct AC-3 / at 260 V / rated value ct AC-3 / at 260 V / rated value ct AC-3 / at 260 V / rated value ct AC-3 / at 260 V / rated value ct AC-3 / at 260 V / rated value ct AC-3 / at 260 V / rated value constitution contexts / for auxiliary contacts number of ICO contacts / for auxiliary contact / rated value 500 V continuous control / of the auxiliary contact / rated value 500 V continuous control / of the auxiliary contact / rated value suitability for use exafety switch Yes exafety switch Yes exafety switch Yes exafety switch Yes canter bioted into OFF position Yes cante bioted into O	· · ·	
• at AC-23 A / at 400 V / rated value 12 kW • at AC-23 A / at 400 V / rated value 15 kW • at AC-3 / at 240 V / rated value 5.5 kW • at AC-3 / at 400 V / rated value 5.5 kW • at AC-3 / at 400 V / rated value 9.5 kW • at AC-3 / at 400 V / rated value 9.5 kW • at AC-3 / at 600 V / rated value 9.5 kW • at AC-3 / at 600 V / rated value 9.5 kW • at AC-3 / at 600 V / rated value 9.5 kW • at AC-3 / at 600 V / rated value 32 A Auxitary circuit • auxiliary contacts 0 • number of NC contacts / for auxiliary contacts 1 1 • operating voltage / of auxiliary contacts 1 A A • operating voltage / of the auxiliary contacts 1 A A • operating voltage / of the auxiliary contacts / at A / maximu 500 V Sout V Suitability Sout V Yes Sout V • suitability for use • switch disconnector Yes • auxitannocherpair switch Yes Sout V • can be locked into OFF position Yes Sout A		
• et AC-23 / at 240 V / rated value 12 kW • et AC-3 / at 240 V / rated value 5.5 kW • et AC-3 / at 400 V / rated value 9.5 kW • et AC-3 / at 690 V / rated value 9.5 kW • et AC-3 / at 690 V / rated value 9.5 kW • operational ourrent / rated value 9.5 kW • operating voltage / of auxiliary contacts 0 • number of NC contacts / for auxiliary contacts 1 • operating voltage / of auxiliary contacts 1 • operating voltage / of the auxiliary contacts / traced value 500 V continuous current / of the auxiliary contacts / traced value 500 V suitability 500 V suitability 500 V suitability 500 V • with disconnector Yes • enain switch Yes • enain switch Yes • analt solutality element Yes • enainence/repair switch Yes • analt blocked into OFF position Yes • analt blocked into OFF position Yes • analt blocked into OFF position Yes • analt blocked into OFF positicon	 at AC-23 A / at 400 V / rated value 	12 kW
et AC-3 / at 240 V / rated value et AC-3 / at 400 V / rated value et AC-3 / at 400 V / rated value et AC-3 / at 400 V / rated value 9.5 KW operational current / rated value 32 A variable of Co contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of the auxiliary contacts / rated value 00 V continuous current / of the auxiliary contacts / rated value 00 V continuous current / of the auxiliary contacts / rated value 00 V continuous current / of the auxiliary contacts / rated value 00 V valuability valuability valuability suitability suitability value suitability value value suitability valuability	 at AC-23 A / at 440 V / rated value 	11.5 kW
	 at AC-23 A / at 690 V / rated value 	12 kW
• at AC-3 / at 600 V / rated value 9.5 kW operational current / rated value 32 A AvxIllary circuit 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 1 operating voltage / of auxillary contacts 1 continuous current / of the auxillary contact / rated value 500 V continuous current / of the auxillary contact / rated value 500 V suitability 500 V suitability for use • • nain switch Yes • switch disconnector Yes • suitability for use • • safety switch Yes • safety switch Yes • anain switch Yes • anaintenance/repair switch Yes Appearance color / of the actuating element Product detains <td> at AC-3 / at 240 V / rated value </td> <td>5.5 kW</td>	 at AC-3 / at 240 V / rated value 	5.5 kW
operational current / rated value 32 A Auxiliary circuit	• at AC-3 / at 400 V / rated value	10 kW
Auxiliary circuit 0 number of CO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability 500 V suitability for use 10 A • main switch Yes • switch disconnector Yes • switch disconnector Yes • main switch Yes • asity switch Yes • maintenance/repair switch Yes • and be locked into OFF position Yes roduct feature Yes • can be locked into OFF position Yes number of bracket locks / maximum 2 number of vice kores / minimum 4 mm hasp thicknes / of the bracket locks / maximum 6 mm special product feature Can be locked in or optional product stension / optional 6 mod • otalge trigger No	• at AC-3 / at 690 V / rated value	9.5 kW
number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary contact / rated value 500 V suitability 500 V solarity switch Yes - safety switch Yes - anabe locked into OFF position red product feature red product feature Can be locked into OFF position - as be locked into OFF position Yes - mamber of tr	operational current / rated value	32 A
number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contact A C / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A Suitability 500 V suitability 500 V <t< td=""><td>Auxiliary circuit</td><td></td></t<>	Auxiliary circuit	
number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contact A C / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A Suitability 500 V suitability 500 V <t< td=""><td></td><td>0</td></t<>		0
number of NO contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contacts / rated value 10 A insulation voltage / of the auxiliary contact / rated value 500 V Suitability 500 V suitability for use 10 A • main switch Yes • switch disconnector Yes • switch disconnector Yes • afety switch Yes • afety switch Yes • and registry switch Yes • color / of the actuating element red Product details red product feature 2 • can be locked into OFF position Yes • number of bracket locks / maximum 4 mm hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product distret No Short circuit Conditional short-circuit current / with line-side fuse conditional short-circuit t		1
operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability 7		1
continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability suitability for use • main switch • switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes color / of the actuating element red Product details red product feature 2 • number of bracket locks / maximum 2 hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No Stort circuit Conditional short-circuit current / with line-side fuse protection • at 440 V/ by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 32 A operating voltage / 1 AC / at 600 Hz / according to UL 500 V S98/UL 60947-4-1 / rated value 600 V solut data value 600 V solut data value 600 V solut data value </td <td></td> <td>500 V</td>		500 V
Insulation voltage / of the auxiliary switch / rated value 500 V Suitability switch disconnector Yes • main switch Yes Yes • Switch disconnector Yes • EMERGENCY OFF switch Yes • main featureance/repair switch Yes • can be locked into OFF position Yes product details Yes • can be locked into OFF position Yes • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product details Ves special product feature Can be locked in zero position product feature Can be locked in zero position product feature No voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protecting 10 kA e at 690 V / by gG fuse / rated value 6 kA according UL 600 V operation (Lorent / a KC / a ccording to UL 504/L 600 V 32 A 600 V 20		
Suitability suitability for use • main switch Yes • switch disconnector Yes • safety switch Yes • asdety switch Yes • maintenance/repair switch Yes color / of the actuating element red Product details red product feature - • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional No • ontidge trigger No Short circuit Conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 10 kA • at 440 V / by gG fuse / rated value 6 kA according UL 32 A operation alcurrent / at AC / according to UL 32 A 600 V SoBUL 6947-41 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 50/UL 508/UL 60947-41 / rated		
suitability for use Yes • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • maintenance/repair switch Yes • color / of the actuating element red Product details product detature • • can be locked into OFF position Yes number of bracket locks / maximum 4 mm hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / minimum 6 mm special product feature Can be locked in zero position • rodor drive No • voltage trigger No Short circuit 10 kA conditional short-circuit current / with line-side fuse protection 10 kA • at 440 V / by gG fuse / rated value 6 kA according UL 32 A operational current / at AC / according to UL 32 A 600 V 508/UL 60947-4-1 / rated value operational current / at AC / at 400 V / according to UL 20 <td></td> <td></td>		
 switch disconnector Yes EMERGENCY OFF switch safety switch realitenance/repair switch Yes maintenance/repair switch Yes active power [hp] / at AC / at 600 Hz / according to UL 20 20 		Vec
EMERGENCY OFF switch Yes safety switch Yes maintenance/repair switch Yes maintenance/repair switch Yes maintenance/repair switch Yes Appearance color / of the actuating element red Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / maximum 6 mm special product feature • can be locked into VF position Yes number of bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional • motor drive No voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 6 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 400 V / according to UL 20		
• safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element red Product defails product feature • can be locked into OFF position Yes number of bracket locks / maximum 2 • hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional • motor drive No • voltage trigger No Short circuit Conditional short-circuit current / with line-side fuse protection 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value 600 V 32 A obs/UL 60947-4-1 / rated value 600 V 20 20		
maintenance/repair switch Yes Appearance color / of the actuating element red Product details product feature ocan be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum fasp thickness / of the bracket locks / maximum fasp thickness / of the bracket locks / maximum fasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum for the bracket locks / maxi		
Appearance color / of the actuating element red Product details product feature • can be locked into OFF position 1number of bracket locks / maximum 1asp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value • at 680 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 800 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 20	-	
color / of the actuating element red Product details	maintenance/repair switch	Yes
Product details product feature • can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature product details order drive • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse operational short-circuit current / with line-side fuse operational current / at AC / according to UL 508/UL 032 A operational current / at AC / according to UL 508/UL 040 V / by gG fuse / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 20	Appearance	
product feature Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional • motor drive • woltage trigger No Short circuit • canded value conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value • at 440 V / by gG fuse / rated value 10 kA • at 490 V / by gG fuse / rated value 6 kA according UL 32 A operational current / at AC / according to UL 508/UL 600 V soB/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 800 V / according to UL 20	color / of the actuating element	red
• can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional • motor drive • voltage trigger No Short circuit • notor drive • onditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value 6 kA according UL 0perational current / at AC / according to UL 508/UL operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 20	Product details	
number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional • motor drive • motor drive No • voltage trigger No Short circuit Conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL operational current / at AC / according to UL 508/UL 32 A operational current / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 80 V / according to UL 20	product feature	
hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No Short circuit Conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 32 A operational current / at AC / according to UL 508/UL 32 A 60947-4-1 / rated value 600 V soBvUL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20	 can be locked into OFF position 	Yes
hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 32 A operational current / at AC / according to UL 508/UL 32 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 20 508/UL 60947-4-1 / rated value 20	number of bracket locks / maximum	2
hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 32 A operational current / at AC / according to UL 508/UL 32 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 20 508/UL 60947-4-1 / rated value 20		4 mm
special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protection 10 kA • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 32 A operational current / at AC / according to UL 508/UL 32 A 600 V 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 50/60 Hz / according to UL 20 solut 60947-4-1 / rated value 20		
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voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • bkA • according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 20		No
Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 0 perational current / at AC / according to UL 508/UL 00947-4-1 / rated value 32 A 00947-4-1 / rated value 600 V 00947-4-1 / rated value 600 V 20 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20		
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508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20	60947-4-1 / rated value	
508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 20		600 V
		20
		20

short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1	5 kA
continuous current / of upstream fuse / according to UL / rated value	50 A
type of fuse / according to UL	RK5
Number	
number of connectable NC contacts / for auxiliary contacts / attachable / maximum	2
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	4
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
Connections	
AWG number / as coded connectable conductor cross	
section / solid	
maximum	6
• minimum	14
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (2.5 to 16 mm ²)
 finely stranded / with core end processing 	1x (2.516 mm²)
stranded	1x (2.5 to 16 mm ²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid	2x (0.75 2.5 mm²), 1x 4 mm²
 finely stranded / with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²
stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
 for main current circuit 	box terminal
 for auxiliary contacts 	Box terminals
Requirements	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 40 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
Mechanical Design	
height	60 mm
width	47 mm
depth	114 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	No
 front mounting with central attachment 	Yes
rail mounting	No
net weight	200 g
Environmental conditions	200 y
ambient temperature / during operation	25.90
• minimum	-25 °C
• maximum	55 °C
ambient temperature / during storage / minimum	-25 °C
General Product Approval	Declaration of Conformity
Confirmation	EAL AR CE
CCC UL	EG-Konf.

other

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

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3250-1TK13

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD3250-1TK13

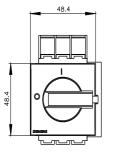
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3250-1TK13

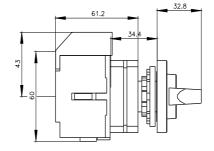
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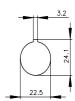
http://www.siemens.com/cax

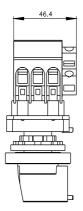
Tender specifications

http://www.siemens.com/specifications









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