## SIEMENS

## Data sheet

## 3LD3250-1TL13



Load disconnector 3LD3, lu 32 A Main switch 3-pole + N 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	4
number of poles / note	4
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]	
<ul> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	1.8 W
<ul> <li>per conductor / typical</li> </ul>	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 AC-21 A/ at 240 V/ rated value     32 A       operational current / vith closed switch     32 A       Ist-Trough current / vith closed switch     4.5 KA       maximum     • at 40.V / for combination switch + gG fuse /     5 KA       maximum permisable     5 KA       Main circuit     70       operational current / vith closed switch + gG fuse /     5 KA       maximum permisable     6 KW       • at AC-23 A / at 20 V / rated value     6 KW       • at AC-23 A / at 20 V / rated value     1.5 KW       • at AC-23 A / at 20 V / rated value     1.5 KW       • at AC-32 A / at 20 V / rated value     1.5 KW       • at AC-32 A / at 400 V / rated value     1.5 KW       • at AC-32 A / at 400 V / rated value     1.5 KW       • at AC-37 / at 900 V / rated value     9.5 KW       • at AC-37 / at 900 V / rated value     9.5 KW       • at AC-37 / at 900 V / rated value     9.5 KW       • at AC-37 / at 900 V / rated value     9.5 KW       • at AC-37 / rated value     10 A       number of NC contacts / for auxillary contacts     1       operating value // rated value     10 A       insulation voltage / of the auxillary contacts     1 <td></td> <td></td>		
• et AC-21 A / at 440 V / rated value         32 A           operational current / of uppersem fuse / rated value         32 A           • et 440 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 / st 240 V / rated value         5 kA           • at AC-23 A / st 240 V / rated value         1.5 kW           • at AC-23 A / st 240 V / rated value         1.5 kW           • at AC-23 A / st 240 V / rated value         1.5 kW           • at AC-31 at 90 V / rated value         1.5 kW           • at AC-31 at 90 V / rated value         1.5 kW           • at AC-31 at 90 V / rated value         32 A           Availary decord         0           • at AC-31 at 90 V / rated value         32 A           Availary decord         0           • at AC-31 at 90 V / rated value         32 A           Availary decord         0           • at AC-31 for auxiliary contacts         1           • at AC-31 at 90 V / rated value         0.4 C-30 km           • at AC-31 at 90 V / rated value         0.4 C-30 km           • at AC-31 at 90 V / rated value         0.4 C-30 km           • at AC-31 at 90 V / rated		
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         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 240 V / rated value         16 kW           et A CC33 A rait 240 V / rated value         16 kW           et A CC3 a rait 600 V / rated value         10 kW           et A CC3 rait 600 V / rated value         32 A           Auxiliary contexts / rait A CC / raxillary contexts         1           number of NC contacts / for auxillary contacts         1           operating value / rate value         10 A           insultation value / rate value         10 A           insultation value / rate value         10 A           insultation value / rate value         10 A		
ied-Prough current / with clased switch       4.5 kA         et 680 // for combination switch + gG fuse /       5 kA         maximum       et 680 // for combination switch + gG fuse /       5 kA         maximum permissible       6 kW       et AC-23 A/ at 200 // rated value       6 kW         et AC-23 A/ at 400 // rated value       15 kW       et AC-23 A/ at 400 // rated value       12 kW         et AC-23 A/ at 400 // rated value       12 kW       et AC-23 A/ at 400 // rated value       12 kW         et AC-23 A/ at 400 // rated value       5 kW       et AC-37 at 200 // rated value       5 kW         et AC-37 at 240 V/ rated value       5 kW       et AC-37 at 20 V/ rated value       9 kW         et AC-37 at 200 // rated value       9 kW       et AC-37 at 20 V/ rated value       9 kW         operational current / rated value       9 kW       et AC-37 at 20 V/ rated value       9 kW         operating values / for auxiliary contacts       1       1       1         number of NC contacts / for auxiliary contacts       1       1       1         operating values / dual value / rated value       500 V       500 V       500 V         subtability for use       maximum       800 V       500 V       500 V       500 V         sublobility for use       maximum       600 V		
		32 A
maximum       a eldo V / for combination switch + gG fuse / maximum permissible         Anne circuit       end AC-23 A / at 440 V / rated value         et al AC-23 A / at 440 V / rated value       12 kW         et al AC-23 A / at 440 V / rated value       12 kW         et al AC-23 A / at 440 V / rated value       12 kW         et al AC-23 A / at 40 V / rated value       12 kW         et al AC-23 A / at 40 V / rated value       5 kW         et al AC-33 / at 400 V / rated value       5 kW         et al AC-37 / at 400 V / rated value       5 kW         et al AC-37 / at 400 V / rated value       5 kW         operational current / rated value       32 A         Auxiliary circuit       0         number of NC contacts / for auxiliary contacts       1         number of NC contacts / for auxiliary contacts       1         operating value / of auxiliary contacts       1         outputs of the auxiliary contacts       1         state of the auxiliary contacts       1         state of the auxiliary contacts       1         state of the auxil	-	
• at 600 V/ for combination switch + gG fuse / maxmum permissible     5 KA          Man circuit       operating power       et al AC-23 A / at 400 V / rated value       for al AC-23 A / at 400 V / rated value       to al AC-23 A / at 400 V / rated value       to al AC-23 A / at 400 V / rated value       to al AC-23 A / at 400 V / rated value       to al AC-23 A / at 400 V / rated value       to al AC-23 A / at 400 V / rated value       to al AC-23 A / at 400 V / rated value       to al AC-23 / at 400 V / rated value       to al AC-23 / at 400 V / rated value       to al AC-23 / at 400 V / rated value       to al AC-3 / rat 400 V / rated value       to al AC-3 / rat 400 V / rated value       to al AC-3 / rat 400 V / rated value       to al AC-3 / rat 400 V / rated value       to al AC-3 / rat 400 V / rated value       to al AC-3 / rat 400 V / rated value       to al AC-3 / rat 400 V / rated value       to al AC-3 / rat 400 V / rated value       to al AC-3 / rated value       to allow / rated value       to AV       to allow / rated value       to AV           verearcian concent / rated value       to AV       to allow / rated value       to AV       to allo		4.5 KA
maintain permissible         Main circuit         • al AC-23 A / at 40 V / rated value       6 kW         • al AC-23 A / at 40 V / rated value       12 kW         • al AC-23 A / at 40 V / rated value       11.5 kW         • al AC-23 A / at 40 V / rated value       12 kW         • al AC-23 A / at 40 V / rated value       12 kW         • at AC-3 / at 690 V / rated value       5.5 kW         • at AC-3 / at 690 V / rated value       9.5 kW         • at AC-3 / rated value       9.5 kW         operational current / rated value       9.5 kW         operating voltage / of auxiliary contacts       1         number of CO contacts / for auxiliary contacts       1         number of NC contacts / for auxiliary contacts       1         number of NC contacts / for auxiliary contacts       1         operating voltage / of auxiliary contacts / rated value       500 V         continuus current / of the auxiliary contact / rated value       500 V         Suitability for use       •         • switch idisconnector       Yes         • switch idisconnector       Yes         • safety switch       Yes         • and to cold in to OFF position       Yes         • and to cold in to OFF position       Yes         • and to cold ino OFF po		5 kA
operating power              é. al. AC-23. A / at 240 V / rated value             e. al. AC-23. A / at 440 V / rated value             e. al. AC-23. A / at 440 V / rated value             e. 12. kW             e. at AC-23. A / at 440 V / rated value             11. 5. kW             e. at AC-23. A / at 440 V / rated value             12. kW             e. at AC-23. A / at 440 V / rated value             11. 5. kW             e. at AC-23. A / at 440 V / rated value             5. 5. kW             e. at AC-3 / at 240 V / rated value             5. 5. kW             e. at AC-3 / at 240 V / rated value             5. 5. kW             e. at AC-3 / at 240 V / rated value             5. 5. kW             e. at AC-3 / at 240 V / rated value             9. 5. kW             e. at AC-3 / at 240 V / rated value             9. 5. kW             e. at AC-3 / at 240 V / rated value             9. 5. kW             e. at AC-3 / at 240 V / rated value             9. 5. kW             e. at AC-3 / at 240 V / rated value             9. 5. kW             e. at AC-3 / at 260 V / rated value             9. 5. kW             e. at AC-3 / at 260 V / rated value             9. 5. kW             e. at AC-3 / at 260 V / rated value             9. 5. kW             controts / for auxiliary contact / rate value             500 V             contrustor / for auxiliary contact / rated value             500 V             contrustor / for auxiliary contact / rated value             500 V             subtability for use             e. and the auxiliary contact / rated value             500 V             subtability for use             e. and the auxiliary switch / rated value             500 V             contrustor / for auxiliary contact / rated value             contruset / for auxiliary contact / rated value		
	Main circuit	
	operating power	
	• at AC-23 A / at 240 V / rated value	6 kW
• at AC-23 A / at 680 V / rated value         12 kW           • at AC-3 / at 240 V / rated value         5.5 kW           • at AC-3 / at 690 V / rated value         9.5 kW           • operational current / rated value         9.5 kW           operational current / rated value         32 A           Auxiliary circuit         0           number of CO contacts / for auxiliary contacts         1           number of NC contacts / for auxiliary contacts         1           number of NC contacts / for auxiliary contacts         1           operating voltage / of auxiliary contacts / at AC / maximu         500 V           continuous current / of the auxiliary contacts / at AC / maximu         500 V           suitability         500 V           suitab	<ul> <li>at AC-23 A / at 400 V / rated value</li> </ul>	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             Auxiliary contacts                 number of NC contacts / for auxiliary contacts          1                 number of NC contacts / for auxiliary contacts          1                 operating voltage / of the auxiliary contacts          1                 operating voltage / of the auxiliary contacts          10 A                 insulation voltage / of the auxiliary contacts          10 A                 insulation voltage / of the auxiliary contact / rated value          500 V                 sultability            10 A                 sultability                     sultability                     sultability                     sultability                     sultability	<ul> <li>at AC-23 A / at 440 V / rated value</li> </ul>	11.5 kW
• at AC-3 / at 400 V / rated value             10 kW               • at AC-3 / at 600 V / rated value             9.5 kW               operational current / 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 / at AC / maximum             500 V               continuous current / of the auxiliary contacts / rated value             500 V               continuous current / of the auxiliary contacts / rated value             500 V               continuous current / of the auxiliary contact / rated value             500 V               suitability             suitability               suitability for use             ref               • main switch             Yes               • eMERGENCY OFF switch             Yes               • eaflety switch             Yes               • anal to locked into OFF position             Yes               • anal to locked into OFF position             Yes               number of bracket locks / maximum             2               nasy thickness / of the bracket locks / maximum             Grame locked in zero position	<ul> <li>at AC-23 A / at 690 V / rated value</li> </ul>	12 kW
	<ul> <li>at AC-3 / at 240 V / rated value</li> </ul>	5.5 kW
operational current / rated value         32 A           Auxiliary circuit	• at AC-3 / at 400 V / rated value	10 kW
Auxiliary circuit         Immber of CQ contacts / for auxiliary contacts         0           number of NC contacts / for auxiliary contacts         1         1           number of NC contacts / for auxiliary contacts         1         1           continuous current / of the auxiliary contact / rated value         500 V         10 A           insulation voltage / of the auxiliary switch / rated value         500 V         5010 V           Suitability         switch disconnector         Yes         9           • main switch         Yes         9         9           • adity switch         Yes         9         9           product feature	• at AC-3 / at 690 V / rated value	9.5 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         10           continuous current / of the auxiliary contact / at AC / maximum         500 V           suitability         10 A           insulation voltage / of the auxiliary switch / rated value         500 V           Suitability         500 V           suitability         500 V           suitability for use         10 A           • main switch         Yes           • switch disconnector         Yes           • main switch         Yes           • asity switch         Yes           • maintenance/repair switch         Yes           • and be locked into OFF position         Yes           rumber of bracket locks / maximum         2           number of bracket locks / maximum         2           number of the bracket locks / maximum         4 mm           hasp thickness / of the bracket locks / maximum         6 mb locked into OFF position           ruduet detaius         0 kA           product feature         Can be locked in acro position           product datashort-cicuit current / with line-side fuse <t< td=""><td>operational current / rated value</td><td>32 A</td></t<>	operational current / rated value	32 A
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 contacts / rated value         10 A           insulation voltage / of the auxiliary contact / rated value         500 V           Suitability         500 V           suitability switch / rated value         500 V           suitability switch / rated value         500 V           switch disconnector         Yes           • switch disconnector         Yes           • switch disconnector         Yes           • anainswitch         Yes           • anaintenance/repair switch         Yes           Product deture         red           Product deture         red           • acan be locked into OFF position         Yes           number of tracket locks / maximum         2           hasp thickness / of the bracket locks / maximum         2           hasp thickness / of the bracket locks / maximum         6 mm           special product feature         Can be locked in zero position           orticlinal short-circuit current / with line-side fuse protection		
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           insulation voltage / of auxiliary switch / rated value         500 V           Suitability         suitability           suitability         suitability           suitability         suitability           suitability         suitability           suitability         Yes           • main switch         Yes           • safety switch         Yes           • maintenance/repair switch         Yes           • maintenance/repair switch         Yes           Product feature         red           • can be locked into OFF position         Yes           number of bracket locks / maximum         2           hasp thickness / of the bracket locks / maximum         4 mm           hasp thickness / of the bracket locks / maximum         6 mm           special product feature         Can be locked in zero position           product status         No           sobort circuit         No           sobort circuit         10 kA	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 contacts / rated value         10 A           insulation voltage / of the auxiliary contacts / rated value         500 V           Suitability         suitability for use         10 A           • main switch         Yes         500 V           • switch disconnector         Yes         500 V           • EMERGENCY OFF switch         Yes         500 V           • anderly switch         Yes         500 V           • anderle subult gelement         Yes         500 V           Product details         700 V         700 V           product feature         red         700 V           • can be locked into OFF position         Yes         500 V           number of bracket locks / maximum         6 mm         500 V           special product feature         Can be locked in zero position         700 V           product feat		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         748           suitability         748           suitability         748           product feature         748           ocan be locked into OFF position         748           number of bracket locks / maximum         6 mm           hasp thickness / of the bracket locks / maximum         6 mm           secial product feature		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     Yes       • main switch     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     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 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 / 14 AC / at coording to UL     500 V       Stort circuit     600 V       operating voltage / 14 AC / at coording to UL     500 V       Stored circuit <td></td> <td>500 V</td>		500 V
Insulation voltage / of the auxiliary switch / rated value     500 V       Suitability     suitability for use       • main switch     Yes       • switch disconnector     Yes       • EMERGENCY OFF switch     Yes       • safety switch     Yes       • main feance/repair switch     Yes       • main feance/repair switch     Yes       • main feance/repair switch     Yes       Product details     Yes       • can be locked into OFF position     Yes       • can be locked into OFF position     Yes       • and 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 extension / optional     No       • woltage 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     600 V       Operational current / at AC / a coording to UL 508/UL 60947-4-1 / rated value     600 V       objective power (hp) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value     600 V		10 A
Suitability         suitability for use         • main switch         • switch disconnector         • Switch disconnector         • EMERGENCY OFF switch         • safety switch         • maintenance/repair switch         • ordination of the actuating element         Product details         product feature         • can be locked into OFF position         Yes         number of bracket locks / maximum         Appearance         color / of the bracket locks / minimum         4 mm         hasp thickness / of the bracket locks / maximum         special product feature         • motor drive         • voltage trigger         No         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 400 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         operating current / at AC / at cording to UL         600 V         S08/UL 60947-41 / rated value         operating outlage / at AC / at 50/60 Hz / according to UL         508/UL 60947-41 / rated value         obit V       508/UL 6		500 V
suitability for use     Yes       • main switch     Yes       • switch disconnector     Yes       • EMERGENCY OFF switch     Yes       • safety switch     Yes       • maintenance/repair switch     Yes       • maintenance/repair switch     Yes       • maintenance/repair switch     Yes       • maintenance/repair switch     Yes       • mathematice/repair switch     Yes       • motor 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 / maximum     6 mm       special product feature     Can be locked in zero position       • roduct drive     No       • voltage trigger     No       Short circuit        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     600 V       080VLL 60947-4-1 / rated value     600 V       080VLL 60947-4-1 / rated value     20 </td <td>Suitability</td> <td></td>	Suitability	
<ul> <li>switch disconnector</li> <li>Yes</li> <li>EMERGENCY OFF switch</li> <li>safety switch</li> <li>realitenance/repair switch</li> <li>Yes</li> <li>maintenance/repair switch</li> <li>Yes</li> <li>Appearance</li> <li>color / of the actuating element</li> <li>red</li> <li>Product details</li> <li>product details</li> <li>product feature         <ul> <li>can be locked into OFF position</li> <li>Yes</li> <li>number of bracket locks / maximum</li> <li>2</li> <li>hasp thickness / of the bracket locks / maximum</li> <li>frage thickness / of the bracket locks / maximum</li> <li>special product feature</li> <li>can be locked in zero position</li> <li>special product feature</li> <li>can be locked in zero position</li> </ul> </li> <li>special product feature</li> <li>can be locked in zero position</li> <li>special product feature</li> <li>No</li> <li>voltage trigger</li> </ul> <li>Short circuit</li> <li>conditional short-circuit current / with line-side fuse protection         <ul> <li>at 440 V / by gG fuse / rated value</li> <li>to KA</li> <li>at 690 V / by gG fuse / rated value</li> <li>to KA</li> <li>at 690 V / by gG fuse / rated value</li> <li>to KA</li> </ul> </li> <li>operational current / at AC / according to UL. 508/UL 60947-4-1 / rated value</li> <li>conditional (G947-4-1 / rated value</li> <li>cover (Inpl / at AC / at 400 / b (according to UL 508/UL 60947-4-1 / rated value</li> <li>active power (Inpl / at AC / at 400 / according to UL 508/UL 60947-4-1 / rated value</li> <li>active power (Inpl / at AC / at 400 / according to UL 508/UL 60947-4-1 / rated value</li> <li>active power (Inpl / at AC / at 400 / according to UL 508/UL 60947-4-1 / r</li>		
• EMERGENCY OFF switch     Yes       • safety switch     Yes       • maintenance/repair switch     Yes       Appearance	main switch	Yes
e safety switch         Yes           • maintenance/repair switch         Yes           Appearance         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         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           • notor 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         Operating voltage / at AC / at 50/60 Hz / according to UL           09047-4-1 / rated value         600 V           09047-4-1 / rated value         600 V           0804UL 60947-4-1 / rated value         20	<ul> <li>switch disconnector</li> </ul>	Yes
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     for m     special product feature     can be locked into OFF position     red     red     hasp thickness / of the bracket locks / maximum     for m     special product feature     can be locked into OFF position     product extension / optional     ontor drive     voltage trigger     No  Short circuit  conditional short-circuit current / with line-side fuse protection     operational current / at AC / according to UL 508/UL     SoB/UL 60947-4-1 / rated value     active power [hp] / at AC / at 480 V / according to UL     SoB/UL 60947-4-1 / rated value     active power [hp] / at AC / at 600 V / according to UL     SoB/UL 60947-4-1 / rated value	<ul> <li>EMERGENCY OFF switch</li> </ul>	Yes
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     for m     special product feature     can be locked into OFF position     red     red     hasp thickness / of the bracket locks / maximum     for m     special product feature     can be locked into OFF position     product extension / optional     ontor drive     voltage trigger     No  Short circuit  conditional short-circuit current / with line-side fuse protection     operational current / at AC / according to UL 508/UL     SoB/UL 60947-4-1 / rated value     active power [hp] / at AC / at 480 V / according to UL     SoB/UL 60947-4-1 / rated value     active power [hp] / at AC / at 600 V / according to UL     SoB/UL 60947-4-1 / rated value	<ul> <li>safety switch</li> </ul>	Yes
color / of the actuating element     red       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     Can be locked in zero position       product extension / optional     • motor drive       • 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     600 V       soBvUL 60947-4-1 / rated value     600 V       active power [hp] / at AC / at 800 V / according to UL     20	-	Yes
Product details         product feature         • can be locked into OFF position         number of bracket locks / maximum         1         hasp thickness / of the bracket locks / minimum         hasp thickness / of the bracket locks / maximum         6         masp thickness / of the bracket locks / maximum         6         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         10 kA         • at 690 V / by gG fuse / rated value         10 kA         • at 690 V / by gG fuse / rated value         operational current / at AC / according to UL 508/UL         020 A         0perating voltage / at AC / at 50/60 Hz / according to UL 508/UL         020 A         080/U & 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     • voltage trigger       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 690 V / by gG fuse / rated value     6 kA       according UL     32 A       operational current / at AC / according to UL 508/UL     600 V       508/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       No         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       6 kA         according UL       Operational current / at AC / according to UL 508/UL         operational current / at AC / at 50/60 Hz / according to UL 508/UL       600 V         So8/UL 60947-4-1 / rated value       600 V         active power [hp] / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value       20         active power [hp] / at AC / at 600 V / according to UL 508/UL 20       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	
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         operational current / at AC / at 50/60 Hz / according to UL       32 A         600 V       508/UL 60947-4-1 / rated value         active power [hp] / at AC / at 80 V / according to UL       20	<ul> <li>can be locked into OFF position</li> </ul>	Yes
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	· · · ·	2
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         sol/UL 60947-4-1 / rated value       20		
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         60947-4-1 / rated value       600 V         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       20         so8/UL 60947-4-1 / rated value       20	hasp thickness / of the bracket locks / maximum	6 mm
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         60947-4-1 / rated value       600 V         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       20         so8/UL 60947-4-1 / rated value       20	special product feature	Can be locked in zero position
motor drive No     voltage trigger No     voltage trigger No     short circuit     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         • 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         • 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         • according UL         • operational current / at AC / 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		
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         0947-4-1 / rated value       32 A         00947-4-1 / rated value       600 V         508/UL 60947-4-1 / rated value       600 V         active power [hp] / at AC / at 480 V / according to UL       20         508/UL 60947-4-1 / rated value       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       6 kA         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       600 V         508/UL 60947-4-1 / rated value       20         active power [hp] / at AC / at 600 V / according to UL       20	voltage trigger	No
protection <ul> <li>at 440 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>6 kA</li> </ul> <ul> <li>at 690 V / by gG fuse / rated value</li> <li>6 kA</li> </ul> <ul> <li>operational current / at AC / according to UL 508/UL</li></ul>	Short circuit	
<ul> <li>at 440 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>6 kA</li> <li>according UL</li> <li>operational current / at AC / according to UL 508/UL 60947-4-1 / rated value</li> <li>operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value</li> <li>active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value</li> <li>active power [hp] / at AC / at 600 V / according to UL 20</li> </ul>		
• at 690 V / by gG fuse / rated value         6 kA           according UL         0           operational current / at AC / according to UL 508/UL 60947-4-1 / rated value         32 A           operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value         600 V           active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value         20           active power [hp] / at AC / at 600 V / according to UL 508/UL 20         20	•	10 kA
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       600 V         508/UL 60947-4-1 / rated value       600 V         active power [hp] / at AC / at 480 V / according to UL       20         508/UL 60947-4-1 / rated value       20		6 kA
60947-4-1 / rated value       600 V         operating voltage / at AC / at 50/60 Hz / according to UL       600 V         508/UL 60947-4-1 / rated value       20         active power [hp] / at AC / at 480 V / according to UL       20         active power [hp] / at AC / at 600 V / according to UL       20	according UL	
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	operational current / at AC / according to UL 508/UL	32 A
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	operating voltage / at AC / at 50/60 Hz / according to UL	600 V
		20
		20

Confirmation	EHE CE PK
General Product Approval	Declaration of Conformity
ambient temperature / during storage / minimum	-25 °C
• maximum	55 °C
• minimum	-25 °C
ambient temperature / during operation	
invironmental conditions	
net weight	200 g
rail mounting	No
front mounting with central attachment	Yes
4-hole front mounting	No
fastening method	
depthfastening method	Built-in unit fixed-mounted version
width	60 mm 114 mm
height	60 mm
lechanical Design	
<ul> <li>for short-circuit protection of the auxiliary switch / required</li> </ul>	fuse gL/gG: 10 A
• for short-circuit protection of the main circuit / required	fuse gL/gG: 40 A
design of the fuse link	
equirements	
<ul> <li>for auxiliary contacts</li> </ul>	Box terminals
for main current circuit	box terminal
type of electrical connection	
stranded     stranded	2x (0.75 2.5 mm <sup>2</sup> ), 1x 4 mm <sup>2</sup>
<ul> <li>finely stranded / with core end processing</li> </ul>	2x (0.75 2.5 mm <sup>2</sup> ), 1x 2.5 mm <sup>2</sup>
euxiliary contacts ● solid	2x (0.75 2.5 mm²), 1x 4 mm²
type of connectable conductor cross-sections / for	
• stranded	1x (2.5 to 16 mm <sup>2</sup> )
• finely stranded / with core end processing	1x (2.516 mm <sup>2</sup> )
• solid	1x (2.5 to 16 mm <sup>2</sup> )
type of connectable conductor cross-sections / for copper conductor	
• minimum	14
• maximum	6
AWG number / as coded connectable conductor cross section / solid	
connections	
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	4
number of connectable NC contacts / for auxiliary contacts / attachable / maximum	2
umber	
type of fuse / according to UL	RK5
rated value	
continuous current / of upstream fuse / according to UL /	50 A

other

## Further information

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=3LD3250-1TL13 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3250-1TL13 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD3250-1TL13 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications

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