## SIEMENS

## Data sheet

## 3LD3240-0TL11



Load disconnector 3LD3, lu 32 A Main switch 3-pole + N Rated operating capacity for AC-23 A at 400V 11.5kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive black 48x48 mm

product brand name         SENTRON           product designation         3LD Switch disconnector           design of the product         Main switch           display version / for switch position indicator manual operation         1 ON - 0 OFF           type of switch         Floor mounting with door coupling           design of the actuating element         black           color / of the actuating element         black           design of the actuating element         black           number of poles         4           number of poles         4           number of poles         4           electrical endurance (switching cycles) / typical         100 000           electrical endurance (switching cycles)         6000 V           surge voltage rated value         690 V           surge voltage rated value         690 V           operating frequency / rated value	Model		
design of the product     Main switch       display version / for switch position indicator manual operation     10N - 0 OFF       type of switch     Floor mounting with door coupling       design of the actuating element     selector switch       color / of the actuating element     black       design of handle     knob-operated mechanism, black       type of the driving mechanism / motor drive     No       General technical data     number of poles     4       number of poles     4     4       number of poles     4     4       electrical endvarace (switching cycles) / typical     100 000       elettrical endvarace (switching cycles)     6 000       operating frequency / maximum     50 1/h       degree of pollution     3       Voltage     600 V       surge voltage resistance / rated value     690 V       operating frequency / rated value     690 V       operational current / rated value	product brand name	SENTRON	
display version / for switch position indicator manual       1 ON - 0 OFF         operation       1 ON - 0 OFF         type of switch       Floor mounting with door coupling         design of the actuating element       black         color / of the actuating element       black         design of handle       knob-operated mechanism, black         type of the driving mechanism / motor drive       No <b>General technical data</b> number of poles         number of poles / note       4         mumber of poles / note       4         mechanical service life (switching cycles) / typical       100 000         electrical endurance (switching cycles) / typical       100 000         electrical endurance (switching cycles) / typical       100 000         operating frequency / maximum       50 1/h         degree of pollution       3         Voltage       insulation voltage / rated value         operating voltage       680 V         operating frequency / rated value       690 V         operating frequency / rated value       690 V         operating frequency / rated value       60 Hz         Protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front	product designation	3LD Switch disconnector	
operation         Floor mounting with door coupling           design of the actuating element         selector switch           color / of the actuating element         black           design of handle         knob-operated mechanism, black           type of the driving mechanism / motor drive         No           Genoral technical data	design of the product	Main switch	
design of the actuating element     selector switch       color / of the actuating element     black       design of handle     knob-operated mechanism, black       type of the driving mechanism / motor drive     No       General technical data     number of poles       number of poles / note     4       mechanical service life (switching cycles) / typical     100 000       electrical endurance (switching cycles) / typical     00 00       operating frequency / maximum     50 1/h       degree of pollution     3       Voltage     insulation voltage / rated value       surge voltage resistance / rated value     680 V       operating frequency / rated value     690 V       surge voltage resistance / rated value     690 V       operating voltage     est AC / rated value       inininum     50 Hz       operating frequency / rated value     690 V       operating frequency / rated value     690 V       operating frequency / rated value     100 Hz       operating frequency / rated value     100 Hz <tr< td=""><td></td><td>1 ON - 0 OFF</td></tr<>		1 ON - 0 OFF	
color / of the actualing element         black           design of handle         knob-operated mechanism, black           type of the driving mechanism / motor drive         No           General technical data         number of poles           number of poles / note         4           mechanical service life (switching cycles) / typical         100 000           electrical endurance (switching cycles) / typical         6 000           operating frequency / maximum         50 1/h           degree of pollution         3           Voltage	type of switch	Floor mounting with door coupling	
design of handle       knob-operated mechanism, black         type of the driving mechanism / motor drive       No         General technical data	design of the actuating element	selector switch	
type of the driving mechanism / motor drive       No         General technical data	color / of the actuating element	black	
General technical data         number of poles       4         number of poles / note       4         mechanical service life (switching cycles) / typical       100 000         electrical endurance (switching cycles)       6 000         operating frequency / maximum       6 000         operating frequency / maximum       50 1/h         degree of pollution       3         Voltage       690 V         insulation voltage / rated value       690 V         operating registrance / rated value       690 V         operating voltage       680 V         operating requency / rated value       690 V         operating requency / rated value       690 V         operating frequency / rated value       690 V         emaximum       50 Hz         minimum       50 Hz         emaximum       60 Hz         Protection class IP       IP65         protection class IP       IP65         operating state / per pole       IP65         Dissipation       1.8 W         operational current / rated value       32 A         operational current       32 A         operational current       32 A	design of handle	knob-operated mechanism, black	
number of poles     4       number of poles / note     4       mechanical service life (switching cycles) / typical     100 000       electrical endurance (switching cycles)     6 000       operating frequency / maximum     6 000       degree of pollution     3       Votage     690 V       insulation voltage / rated value     690 V       surge voltage resistance / rated value     680 V       operating frequency / rated value     680 V       operating requency / rated value     680 V       operating frequency / rated value     680 V       operating frequency / rated value     690 V       surge voltage resistance / rated value     680 V       operating frequency / rated value     690 V       emaximum     50 Hz       maximum     60 Hz       Protection class IP     IP65       protection class IP / on the front     IP65       Dissipation     IP65       power loss [W] / for rated value of the current / at AC / in hot operating state / per pole     1.8 W       current     32 A       operational current / rated value     32 A	type of the driving mechanism / motor drive	No	
number of poles / note       4         mechanical service life (switching cycles) / typical       100 000         electrical endurance (switching cycles)       6         • at AC-23 A / at 690 V       6 000         operating frequency / maximum       50 1/h         degree of pollution       3         Voltage       690 V         surge voltage resistance / rated value       690 V         surge voltage resistance / rated value       690 V         operating frequency / rated value       60 Hz         Protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       1.8 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       32 A         operational current / rated value       32 A	General technical data		
mechanical service life (switching cycles) / typical       100 000         electrical endurance (switching cycles)       6 000         operating frequency / maximum       50 1/h         degree of pollution       3         Voltage       690 V         insulation voltage / rated value       690 V         surge voltage resistance / rated value       690 V         operating frequency / rated value       690 V         operating voltage       690 V         • at AC / rated value       690 V         operating requency / rated value       690 V         operating frequency / rated value       690 V         operation class IP       00 Hz         Protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       1.8 W         power loss [W] / for rated value of the current / at AC / in       1.8 W         operational current / rated val	number of poles	4	
electrical endurance (switching cycles)       6 000         operating frequency / maximum       50 1/h         degree of pollution       3         Voltage       690 V         insulation voltage / rated value       690 V         surge voltage resistance / rated value       690 V         operating voltage       64V         • at AC / rated value       690 V         operating voltage       64V         • at AC / rated value       690 V         operating requency / rated value       690 V         operating frequency / rated value       690 V         operating requency / rated value       690 V         operation class IP       1,3R, 4X, 12         protection class IP       IP65         degree of protection NEMA rating       1,3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       IP65         current       0perating ate / per pole         current       32 A         operational current / rated value       32	number of poles / note	4	
• at AC-23 A / at 690 V       6 000         operating frequency / maximum       50 1/h         degree of pollution       3         Voltage       insulation voltage / rated value         insulation voltage / rated value       690 V         surge voltage resistance / rated value       690 V         operating voltage       690 V         • at AC / rated value       690 V         operating frequency / rated value       690 V         operation class IP       10 F65         Dissipation       IP65         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       1.8 W         Current       32 A         operational current / rated value       32 A	mechanical service life (switching cycles) / typical	100 000	
operating frequency / maximum         50 1/h           degree of pollution         3           Voltage         insulation voltage / rated value         690 V           surge voltage resistance / rated value         690 V           operating voltage         64V           • at AC / rated value         690 V           operating frequency / rated value         60 Hz           Protection class         IP65           protection class IP         IP65           degree of protection NEMA rating         1, 3R, 4X, 12           protection class IP / on the front         IP65           Dissipation         IP65           power loss [W] / for rated value of the current / at AC / in hot operating state / per pole         1.8 W           operational current / rated value         32 A           operational current / rated value         32 A	electrical endurance (switching cycles)		
degree of pollution       3         Voltage       insulation voltage / rated value       690 V         surge voltage resistance / rated value       6 kV         operating voltage       690 V         • at AC / rated value       690 V         operating frequency / rated value       690 V         • minimum       50 Hz         • maximum       60 Hz         Protection class       Protection class IP         protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       1.8 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       32 A         operational current / rated value       32 A	• at AC-23 A / at 690 V	6 000	
Voltage         insulation voltage / rated value       690 V         surge voltage resistance / rated value       6 kV         operating voltage       690 V         • at AC / rated value       690 V         operating frequency / rated value       690 V         • minimum       50 Hz         • maximum       60 Hz         Protection class       Protection class IP         protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       IP65         current       0perating state / per pole         current       32 A         operational current / rated value       32 A	operating frequency / maximum	50 1/h	
insulation voltage / rated value       690 V         surge voltage resistance / rated value       6 kV         operating voltage       690 V         • at AC / rated value       690 V         operating frequency / rated value       690 V         • minimum       50 Hz         • maximum       60 Hz         Protection class       Protection class IP         gree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       1.8 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       32 A         operational current       32 A	degree of pollution	3	
surge voltage resistance / rated value       6 kV         operating voltage       690 V         operating frequency / rated value       690 V         operating frequency / rated value       60 Hz         • maximum       60 Hz         Protection class       protection class IP         gree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       1.8 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       32 A         operational current       32 A	Voltage		
operating voltage       690 V         operating frequency / rated value       690 V         operating frequency / rated value       50 Hz         • minimum       50 Hz         • maximum       60 Hz         Protection class       1065         gree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       1065         Dissipation       1.8 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       32 A         operational current       32 A         operational current       32 A	insulation voltage / rated value	690 V	
• at AC / rated value       690 V         operating frequency / rated value       50 Hz         • minimum       60 Hz         Protection class       60 Hz         protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       IP65         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       1.8 W         Operational current / rated value       32 A         operational current       32 A	surge voltage resistance / rated value	6 kV	
operating frequency / rated value       50 Hz         • maximum       60 Hz         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         Current       32 A         operational current / rated value       32 A	operating voltage		
• minimum       50 Hz         • maximum       60 Hz         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         Current       32 A         operational current / rated value       32 A	at AC / rated value	690 V	
maximum 60 Hz      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      Current     operational current / rated value     32 A      operational current         • at 40 °C / rated value         32 A	operating frequency / rated value		
Protection class         protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       IP65         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       1.8 W         Current       operational current / rated value       32 A         operational current       at 40 °C / rated value       32 A	• minimum	50 Hz	
protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP / on the front       IP65         Dissipation       IP65         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       1.8 W         Current       32 A         operational current       32 A         operational current       32 A	• maximum	60 Hz	
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         Current          operational current / rated value       32 A         operational current          • at 40 °C / rated value       32 A	Protection class		
protection class IP / on the front     IP65       Dissipation     IP65       power loss [W] / for rated value of the current / at AC / in hot operating state / per pole     1.8 W       Current     32 A       operational current / rated value     32 A       operational current     32 A	protection class IP	IP65	
Dissipation         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       1.8 W         Current       operational current / rated value       32 A         operational current       32 A         operational current       32 A	degree of protection NEMA rating	1, 3R, 4X, 12	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole     1.8 W       Current     0       operational current / rated value     32 A       operational current     32 A	protection class IP / on the front	IP65	
hot operating state / per pole       Current       operational current / rated value     32 A       operational current     32 A       • at 40 °C / rated value     32 A	Dissipation		
operational current / rated value     32 A       operational current     32 A       • at 40 °C / rated value     32 A		1.8 W	
operational current     • at 40 °C / rated value     32 A	Current		
• at 40 °C / rated value 32 A	operational current / rated value	32 A	
	operational current		
• at 45 °C / rated value 32 A	• at 40 °C / rated value	32 A	
	• at 45 °C / rated value	32 A	

a at E0 °C / rated value	22.4
• at 50 °C / rated value	32 A
• at 55 °C / rated value	32 A
• at AC / rated value	32 A
Main circuit	
operational current	
<ul> <li>at AC-21 / at 690 V / rated value</li> </ul>	32 A
<ul> <li>at AC-21 A / at 240 V / rated value</li> </ul>	32 A
<ul> <li>at AC-21 A / at 400 V / rated value</li> </ul>	32 A
<ul> <li>at AC-21 A / at 440 V / rated value</li> </ul>	32 A
• at AC-23 A / at 400 V / rated value	22 A
operating power	
<ul> <li>at AC-23 A / at 240 V / rated value</li> </ul>	6 kW
<ul> <li>at AC-23 A / at 400 V / rated value</li> </ul>	12 kW
<ul> <li>at AC-23 A / at 440 V / rated value</li> </ul>	11.5 kW
<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
<ul> <li>at AC-3 / at 400 V / rated value</li> </ul>	10 kW
• at AC-3 / at 690 V / rated value	9.5 kW
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	0
number of NC contacts / for auxiliary contacts	0
number of NO contacts / for auxiliary contacts	0
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	
suitability for use	
main switch	Yes
<ul> <li>switch disconnector</li> </ul>	Yes
EMERGENCY OFF switch	No
<ul> <li>safety switch</li> </ul>	Yes
<ul> <li>safety switch</li> <li>maintenance/repair switch</li> </ul>	Yes
maintenance/repair switch	
maintenance/repair switch Product details	Yes
maintenance/repair switch Product details special product feature	Yes Can be locked in zero position
maintenance/repair switch      Product details      special product feature      product feature / can be locked into OFF position	Yes
maintenance/repair switch      Product details      special product feature      product feature / can be locked into OFF position      accessories	Yes Can be locked in zero position
maintenance/repair switch      Product details      special product feature      product feature / can be locked into OFF position      accessories      product extension / optional	Yes Can be locked in zero position Yes
maintenance/repair switch      Product details      special product feature      product feature / can be locked into OFF position      accessories      product extension / optional      omtor drive	Yes Can be locked in zero position Yes No
maintenance/repair switch      Product details      special product feature      product feature / can be locked into OFF position      accessories      product extension / optional          motor drive          voltage trigger	Yes Can be locked in zero position Yes No No
maintenance/repair switch      Product details      special product feature      product feature / can be locked into OFF position      accessories      product extension / optional      omtor drive	Yes Can be locked in zero position Yes No
maintenance/repair switch      Product details      special product feature      product feature / can be locked into OFF position      accessories      product extension / optional          motor drive          voltage trigger      number of connectable NC contacts / for auxiliary contacts	Yes Can be locked in zero position Yes No No
<ul> <li>maintenance/repair switch</li> <li>Product details         <pre>special product feature         product feature / can be locked into OFF position         </pre> </li> <li>accessories         <pre>product extension / optional             <ul></ul></pre></li></ul>	Yes Can be locked in zero position Yes No No 2
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional <ul> <li>motor drive</li> <li>voltage trigger</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts</li> </ul>	Yes Can be locked in zero position Yes No No 2
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional</li> <li>motor drive</li> <li>voltage trigger</li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> </ul>	Yes Can be locked in zero position Yes No No 2 4 0
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional</li> <li>motor drive</li> <li>voltage trigger</li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> </ul>	Yes Can be locked in zero position Yes No No 2 4 0 2 2
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional <ul> <li>motor drive</li> <li>voltage trigger</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul>	Yes Can be locked in zero position Yes No No 2 4 0
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional</li> <li>motor drive</li> <li>voltage trigger</li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> </ul>	Yes Can be locked in zero position Yes No No 2 4 0 2 2
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional <ul> <li>motor drive</li> <li>voltage trigger</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul>	Yes Can be locked in zero position Yes No No 2 4 0 2 2
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional <ul> <li>motor drive</li> <li>voltage trigger</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul> <li>Short circuit <ul> <li>conditional short-circuit current / with line-side fuse</li> </ul> </li>	Yes Can be locked in zero position Yes No No 2 4 0 2 2
<ul> <li>maintenance/repair switch</li> <li>Product details         special product feature         product feature / can be locked into OFF position     </li> <li>accessories         product extension / optional         <ul> <li>motor drive</li> <li>voltage trigger</li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul> </li> <li>Short circuit         <ul> <li>conditional short-circuit current / with line-side fuse protection</li> </ul> </li> </ul>	Yes Can be locked in zero position Yes No No 2 4 0 2 46 mm
<ul> <li>maintenance/repair switch</li> <li>Product details         special product feature         product feature / can be locked into OFF position     </li> <li>accessories         product extension / optional         <ul> <li>motor drive</li> <li>voltage trigger</li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul> </li> <li>Short circuit</li> <li>conditional short-circuit current / with line-side fuse protection</li> <li>at 440 V / by gG fuse / rated value</li> </ul>	Yes Can be locked in zero position Yes No No 2 4 0 2 46 mm 10 kA
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional <ul> <li>motor drive</li> <li>voltage trigger</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</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>at 690 V / by gG fuse / rated value</li> </ul> </li>	Yes Can be locked in zero position Yes No No 2 4 0 2 46 mm 10 kA
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional <ul> <li>motor drive</li> <li>voltage trigger</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul> <li>Short circuit <ul> <li>conditional short-circuit current / with line-side fuse protection</li> <li>at 440 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>let-through current / with closed switch</li> <li>at 240 V / for combination switch + gG fuse / maximum</li> <li>at 440 V / br combination switch + gG fuse /</li> </ul></li>	Yes Can be locked in zero position Yes No No 2 4 0 2 46 mm 10 kA 6 kA
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional <ul> <li>motor drive</li> <li>voltage trigger</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul> <li>Short circuit <ul> <li>conditional short-circuit current / with line-side fuse protection</li> <li>at 440 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>at 240 V / for combination switch + gG fuse / maximum</li> <li>at 440 V / for combination switch + gG fuse / maximum</li> <li>at 440 V / for combination switch + gG fuse / maximum</li> </ul> </li>	Yes Can be locked in zero position Yes No No 2 4 4 0 2 2 4 6 mm
<ul> <li>maintenance/repair switch</li> <li>Product details <ul> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> </ul> </li> <li>accessories <ul> <li>product extension / optional</li> <li>motor drive</li> <li>voltage trigger</li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul> </li> <li>Short circuit <ul> <li>conditional short-circuit current / with line-side fuse protection</li> <li>at 440 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>let-through current / with closed switch</li> <li>at 240 V / for combination switch + gG fuse / maximum</li> <li>at 440 V / for combination switch + gG fuse / maximum</li> <li>at 690 V / for combination switch + gG fuse / maximum</li> </ul> </li> </ul>	Yes Can be locked in zero position Yes No No 2 4 4 0 2 2 4 6 mm 10 kA 6 kA 4.5 kA 4.5 kA
<ul> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional <ul> <li>motor drive</li> <li>voltage trigger</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>number of bracket locks / maximum</li> <li>hasp thickness / of the bracket locks</li> </ul> Short circuit <ul> <li>conditional short-circuit current / with line-side fuse protection</li> <li>at 440 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>let-through current / with closed switch</li> <li>at 240 V / for combination switch + gG fuse / maximum</li> <li>at 440 V / for combination switch + gG fuse / maximum</li> <li>at 440 V / for combination switch + gG fuse / maximum</li> </ul>	Yes Can be locked in zero position Yes No No 2 4 4 0 2 2 4 6 mm 10 kA 6 kA 4.5 kA 4.5 kA

maximum	
<ul> <li>at 440 V / for combination switch + gG fuse /</li> </ul>	9 kA2.s
maximum	01012.0
<ul> <li>at 690 V / for combination switch + gG fuse / maximum</li> </ul>	9 kA2.s
design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit / required</li> </ul>	fuse gL/gG: 40 A
<ul> <li>for short-circuit protection of the auxiliary switch / required</li> </ul>	fuse gL/gG: 10 A
operational current / of upstream fuse / rated value	32 A
according UL	
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 60947-4-1 / rated value	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
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 <sup>2</sup> )
<ul> <li>finely stranded / with core end processing</li> </ul>	1x (2.516 mm <sup>2</sup> )
stranded type of connectable conductor cross-sections / for	1x (2.5 to 16 mm <sup>2</sup> )
auxiliary contacts • solid	2x (0.75 2.5 mm²), 1x 4 mm²
<ul> <li>finely stranded / with core end processing</li> </ul>	2x (0.75 1.5 mm <sup>2</sup> ), 1x 2.5 mm <sup>2</sup>
stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
for main current circuit	box terminal
<ul> <li>for auxiliary contacts</li> </ul>	Box terminals
Mechanical Design	
height	60 mm
width	49 mm
depth	380 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	No
<ul> <li>4-hole front mounting</li> <li>front mounting with central attachment</li> </ul>	Yes
rail mounting	Yes
net weight	300 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature / during storage	
• minimum	-25 °C
• maximum	55 °C
General Product Approval	Declaration of Conformity









UK CA

other

**Miscellaneous** 

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=3LD3240-0TL11 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3240-0TL11 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD3240-0TL11 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications

Tuer/ Door/ Porte Puerta/ Porta/ Porta Boden/ Base/ Plancher/ Base/ Pavimento/ Fundo

11.4



