## SIEMENS

## Data sheet

## 3LD3230-0TL11



Load disconnector 3LD3, lu 32 A Main switch 3-pole + N Rated operating capacity for AC-23 A at 400V 11.5kW Installation in distribution boards, Basic switch with selector knob black

product brand name         SENTRON           product designation         3LD Switch disconnector           design of the product         Main switch           disphay version / for switch position indicator manual operation         DIN-rail mounting           type of switch         DiN-rail mounting           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           Ceneral technical data	Model			
design of the product     Main switch       display version / for switch position indicator manual operation     1 ON - 0 OFF       type of switch     DIN-rail mounting       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       Ceneral technical data     number of poles       number of poles     4       number of poles     4       number of poles     4       electrical endurance (switching cycles) / typical     100 000       electrical endurance (switching cycles)     6 000       operating frequency / maximum     50 1/h       degree of pollution     3       Voltage     6 000       operating voltage / rated value     6 80 V       operating voltage     6 90 V       e at AC / rated value     690 V       operating frequency / rated value     6 kV       operating voltage     6 90 V       e at AC / rated value     690 V       operating frequency / rated value     6 80 V       operating voltage     6 001       e at AC / rated value     60 Hz       Protection class IP / on the front     IP40       Dissipation     1.8 W <tr< td=""><td>product brand name</td><td>SENTRON</td></tr<>	product brand name	SENTRON		
display version / for switch position indicator manual operation       1 ON - 0 OFF         type of switch       DIN-rail mounting         design of the actuating element       black         color / of the actuating element       black         design of handle       knob-operated mechanism, black         type of switch       No         off the actuating element       black         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 endurace (switching cycles) / typical       100 000         electrical endurace (switching cycles) / typical       50 1/h         degree of pollution       3         Voltage       690 V         surge voltage resistance / rated value       690 V         operating requency / rated value       690 V         operating requency / rated value       690 V         operating frequency / rated value       690 V         operating frequency / rated value       690 V         operating frequency / rated value       600 Hz         Protection class IP       IP40         protection class IP / on the front       IP40	product designation	3LD Switch disconnector		
operation         DIN-rail mounting           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	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     680 V       surge voltage resistance / rated value     690 V       operating frequency / rated value     690 V       operating requency / rated value     690 V       operating requency / rated value     690 V       operating requency / rated value     690 V       operating frequency / rated value     1840       operating frequency / rated value     690 V       operating frequency / rated value     690 V       operating frequency / rated value     1840       operating frequency / rated value     1840       operational cur		1 ON - 0 OFF		
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       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     insulation voltage / rated value       insulation voltage / rated value     690 V       operating frequency / maximum     60 NV       operating frequency / rated value     690 V       operating frequency / rated value     18 W       voltage     18 W       operational cursent / rated value     1.8 W       operational current     32 A       operational current     32 A       operational current     32 A       operational current     32 A <td>type of switch</td> <td colspan="3">DIN-rail mounting</td>	type of switch	DIN-rail mounting		
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       60 00         operating frequency / maximum       50 1/h         degree of pollution       3         Voltage       690 V         insulation voltage / rated value       690 V         operating requency / maximum       60 V         surge voltage resistance / rated value       690 V         operating rottage       61 V         • at AC / rated value       690 V         operating frequency / rated value       690 V         operating rottage       61 V         • at AC / rated value       690 V         operating frequency / rated value       1.8 W         Dissipation       1.8 W	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     60 00       operating frequency / maximum     50 1/h       degree of pollution     3       Voltage     6 800 V       insulation voltage / rated value     690 V       operating voltage resistance / rated value     6 kV       operating voltage     6 80V       • at AC / rated value     690 V       operating frequency / rated value     690 V       operating resistance / rated value     690 V       operating requency / rated value     690 V       operating frequency / rated value     70 Hz       maximum     50 Hz       protection class IP     IP40       protection class IP / on the front     IP40       Dissipation     1.8 W       Operational current / rated value     32 A       operational current / rated value     32 A       operational current     32 A       op	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       insulation voltage / rated value     690 V       surge voltage resistance / rated value     690 V       operating frequency / maximum     60 V       operating to tage     64 V       • at AC / rated value     690 V       operating frequency / rated value     690 V       operating frequency / rated value     690 V       • minimum     50 Hz       • maximum     60 Hz       Protection class IP     IP40       protection class IP / on the front     IP40       posting frequency / 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       operational current     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       insulation voltage / rated value         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       50 Hz         • maximum       60 Hz         Protection class IP       IP40         protection class IP / on the front       IP40         Dissipation       1.8 W         power loss [W] / for rated value of the current / at AC / in ht operating state / per pole       32 A         operational current / rated value       32 A	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       64V         operating voltage       690 V         • at AC / rated value       690 V         operating voltage       690 V         • at AC / rated value       690 V         operating frequency / rated value       600 Hz         Protection class IP       IP40         protection class IP / on the front       IP40         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         operational current       32 A <t< td=""><td>number of poles / note</td><td>4</td></t<>	number of poles / note	4		
• at AC-23 A / at 690 V       6 000         operating frequency / maximum       50 1/h         degree of pollution       3 <b>Yoitage</b> 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 requency / rated value       690 V         operating frequency / rated value       50 Hz         • maximum       50 Hz         protection class IP       IP40         protection class IP / on the front       IP40 <b>Dissipation</b> 1.8 W         current       operational current / rated value of the current / at AC / in hot operating state / per pole         current       32 A         operational current / rated value       32 A         operational current       32 A         operational current       32 A <tr< td=""><td>mechanical service life (switching cycles) / typical</td><td>100 000</td></tr<>	mechanical service life (switching cycles) / typical	100 000		
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         690 V           • at AC / rated value         690 V           operating frequency / rated value         600 Hz           Protection class         Protection class IP           protection class IP / on the front         IP40           Dissipation         IP40           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           operational current         32 A           • at 40 °C / 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       6 kV         • 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 / on the front       IP40         Dissipation       1.8 W         power loss [W] / for rated value       32 A         operating state / per pole       32 A         operational current / rated value       32 A         operational current       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 / on the front       IP40         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       1.8 W         Current       operating atta / and atta atta atta atta atta atta atta	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         protection class IP / on the front       IP40         Dissipation       IP40         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       1.8 W         Operational current       32 A         operational current       32 A         • at 40 °C / rated value       32 A	degree of pollution	3		
surge voltage resistance / rated value       6 kV         operating voltage       690 V         • at AC / rated value       690 V         operating frequency / rated value       60 Hz         • minimum       50 Hz         • maximum       60 Hz         Protection class       IP40         protection class IP       IP40         protection class IP / on the front       IP40         Dissipation       IP40         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         • at 40 °C / rated value       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       10 Hz         protection class IP       IP40         protection class IP / on the front       IP40         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         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         • maximum       60 Hz         Protection class       1P40         protection class IP / on the front       IP40 <b>Dissipation</b> IP40         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       1.8 W <b>Operational current</b> / rated value       32 A         operational current       32 A         • at 40 °C / rated value       32 A         • at 45 °C / rated value       32 A	surge voltage resistance / rated value	6 kV		
operating frequency / rated value       50 Hz         • maximum       60 Hz         Protection class       Protection class IP         protection class IP       IP40         protection class IP / on the front       IP40         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         e at 40 °C / rated value       32 A	operating voltage			
• minimum       50 Hz         • maximum       60 Hz         Protection class       •         protection class IP       IP40         protection class IP / on the front       IP40         Dissipation       IP40         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         e at 40 °C / rated value       32 A         • at 45 °C / rated value       32 A	<ul> <li>at AC / rated value</li> </ul>	690 V		
maximum 60 Hz Protection class protection class IP protection class IP / on the front IP40 protection class IP / on the front IP40 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     e at 40 °C / rated value 32 A     e at 45 °C / rated value 32 A	operating frequency / rated value			
Protection class         protection class IP         protection class IP / on the front         IP40         protection class IP / on the front         IP40         Dissipation         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole         Current         operational current / rated value         operational current         • at 40 °C / rated value         32 A         • at 45 °C / rated value         32 A	• minimum	50 Hz		
protection class IP       IP40         protection class IP / on the front       IP40         Dissipation       IP40         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         • at 40 °C / rated value       32 A         • at 45 °C / rated value       32 A	• maximum	60 Hz		
protection class IP / on the front       IP40         Dissipation       IP40         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         operational current       32 A         o at 40 °C / rated value       32 A         • at 45 °C / rated value       32 A	Protection class			
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         • at 40 °C / rated value       32 A         • at 45 °C / rated value       32 A	protection class IP	IP40		
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         • at 45 °C / rated value       32 A	protection class IP / on the front	IP40		
hot operating state / per pole         Current         operational current / rated value       32 A         operational current       32 A         • at 40 °C / rated value       32 A         • at 45 °C / rated value       32 A	Dissipation			
operational current / rated value32 Aoperational current32 A• at 40 °C / rated value32 A• at 45 °C / rated value32 A		1.8 W		
operational current     32 A       • at 40 °C / rated value     32 A       • at 45 °C / rated value     32 A	Current			
<ul> <li>at 40 °C / rated value</li> <li>at 45 °C / rated value</li> <li>32 A</li> <li>32 A</li> </ul>	operational current / rated value	32 A		
• at 45 °C / rated value 32 A	operational current			
	• at 40 °C / rated value	32 A		
• at 50 °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 /
<ul> <li>at 55 °C / rated value</li> <li>at AC / rated value</li> </ul>	32 A 32 A
• at AC / rated value	
operational current	
at AC-21 / at 690 V / rated value	32 A
• at AC-21 A / at 240 V / rated value	32 A
• at AC-21 A / at 400 V / rated value	32 A
• at AC-21 A / at 440 V / rated value	32 A
• at AC-23 A / at 400 V / rated value	22 A
operating power	
at AC-23 A / at 240 V / rated value	6 kW
• at AC-23 A / at 400 V / rated value	12 kW
• 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 240 V / rated value	5.5 kW
<ul> <li>at AC-3 / at 400 V / rated value</li> </ul>	10 kW
<ul> <li>at AC-3 / at 690 V / rated value</li> </ul>	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
<ul> <li>EMERGENCY OFF switch</li> </ul>	No
<ul> <li>safety switch</li> </ul>	Yes
<ul> <li>maintenance/repair switch</li> </ul>	Yes
maintenance/repair switch Product details	Yes
	Yes Can be locked in zero position
Product details	
Product details special product feature	Can be locked in zero position
Product details special product feature product feature / can be locked into OFF position	Can be locked in zero position
Product details special product feature product feature / can be locked into OFF position accessories	Can be locked in zero position
Product details special product feature product feature / can be locked into OFF position accessories product extension / optional	Can be locked in zero position Yes
Product details special product feature product feature / can be locked into OFF position accessories product extension / optional • motor drive	Can be locked in zero position Yes No
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	Can be locked in zero position Yes No No
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts	Can be locked in zero position Yes No No 2
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         / attachable / maximum         number of connectable NO contacts / for auxiliary contacts         / attachable / maximum         number of connectable NO contacts / for auxiliary contacts         / attachable / maximum         number of connectable CO contacts / for auxiliary contacts	Can be locked in zero position Yes No No 2 4
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum	Can be locked in zero position Yes No No 2 4 0
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum	Can be locked in zero position Yes No No 2 4 0 2
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks	Can be locked in zero position Yes No No 2 4 0 2
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse	Can be locked in zero position Yes No No 2 4 0 2
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection	Can be locked in zero position Yes No No 2 4 0 2 2 4 6 mm
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 440 V / by gG fuse / rated value	Can be locked in zero position Yes No No 2 4 0 2 2 4 6 mm
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         attachable / maximum         attachable / maximum         attachable / bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         att 440 V / by gG fuse / rated value         att 690 V / by gG fuse / rated value	Can be locked in zero position Yes No No 2 4 0 2 2 4 6 mm
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         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 240 V / for combination switch + gG fuse /	Can be locked in zero position Yes No No 2 4 0 2 2 4 6 mm 10 kA 6 kA
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 440 V / by gG fuse / rated value         • at 240 V / by gG fuse / rated value         • at 240 V / for combination switch + gG fuse / maximum         • at 440 V / for combination switch + gG fuse /	Can be locked in zero position Yes No No 2 4 0 2 4 6 mm 10 kA 6 kA 4.5 kA
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 / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         nasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 440 V / by gG fuse / rated value         • at 240 V / for combination switch + gG fuse / maximum         • at 440 V / for combination switch + gG fuse / maximum         • at 440 V / for combination switch + gG fuse / maximum         • at 690 V / for combination switch + gG fuse / maximum	Can be locked in zero position Yes No No 2 4 0 2 2 4 6 mm 10 kA 6 kA 4.5 kA 4.5 kA

• at 440 V / for combination switch + gG fuse /	9 kA2.s			
maximum				
<ul> <li>at 690 V / for combination switch + gG fuse / maximum</li> </ul>	9 kA2.s	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 mm²)			
• stranded	1x (2.5 to 16 mm <sup>2</sup> )			
type of connectable conductor cross-sections / for 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 mm²), 1x 2.5 mm²			
• stranded	2x (0.75 2.5 mm²), 1x 4 m	im²		
type of electrical connection				
for main current circuit	box terminal			
for auxiliary contacts	Box terminals			
Mechanical Design				
height width	60 mm			
depth	49 mm 77 mm			
type of device	fixed mounting			
fastening method	Built-in unit fixed-mounted version			
fastening method	Built-In unit inco-mounted v			
4-hole front mounting	No			
<ul> <li>front mounting with central attachment</li> </ul>	No			
rail mounting	Yes			
net weight	200 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		









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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=3LD3230-0TL11 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3230-0TL11 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD3230-0TL11 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications







