## SIEMENS

## Data sheet

## 3LD3130-0TK11



Load disconnector 3LD3, lu 25 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 9.0kW Installation in distribution boards, Basic switch with selector knob black

Model		
product brand name	SENTRON	
product designation	Switch disconnector	
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	
General technical data		
number of poles	3	
number of poles note	3	
mechanical service life (operating cycles) typical	100 000	
electrical endurance (operating cycles)		
• at AC-23 A at 690 V	6 000	
operating frequency maximum	50 1/h	
degree of pollution	3	
Voltage		
insulation voltage rated value	690 V	
surge voltage resistance rated value	6 kV	
operating voltage		
at AC rated value	690 V	
operating frequency rated value		
• minimum	50 Hz	
• maximum	60 Hz	
Protection class		
protection class IP	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	1.1 W	
Main circuit		
operational current		
• at AC-21 at 690 V rated value	25 A	
<ul> <li>at AC-21 A at 240 V rated value</li> </ul>	25 A	
<ul> <li>at AC-21 A at 400 V rated value</li> </ul>	25 A	
• at AC-21 A at 440 V rated value	25 A	
• at AC-23 A at 400 V rated value	20 A	

operating over • • • • • • • • • • • • •		
<ul> <li>at A-23 A at 400 V inster value</li> <li>bWV</li> <li>at A-23 A at 600 V inster value</li> <li>bWV</li> <li>at A-23 A at 600 V inster value</li> <li>bWV</li> <li>at A-3 at 600 V inster value</li> <li>bWV</li> <li>at at at 600 V inster value</li> <li>bWV</li> <li>bWV</li> <li>at at at at 600 V inster value</li> <li>bWV</li> <li>b</li></ul>	operating power	
	<ul> <li>at AC-23 A at 240 V rated value</li> </ul>	4 kW
<ul> <li>at AC-23 At 560 V rade value</li> <li>at AC-3 at 600 V rade value</li> <li>at 600 V V rade value</li></ul>	<ul> <li>at AC-23 A at 400 V rated value</li> </ul>	10 kW
• Al AC-3 at 240 Y rated value     4 kW       • al AC-3 at 680 V rated value     7.5 kW       Auxiliary contait     0       number of DC contacts for auxiliary contacts     0       operating values of auxiliary contacts     0       suluability for use maint number of NC contacts for auxiliary contacts     0       suluability for use maint number of NC contacts     0       suluability for use subtracts     Yes       suluability for use subtracts     Can be locked in zoro position       product contacts for auxiliary contacts     Yes       Product contacts for auxiliary contacts     Product in zoro position       product contacts for auxiliary contacts     Yes       Product contacts for auxiliary contacts     Product in zoro position       product contacts for auxiliary contacts     Product in zoro position       product contacts for auxiliary contacts     Product in zoro position       product contacts for auxiliary contacts     Product in zoro position	<ul> <li>at AC-23 A at 440 V rated value</li> </ul>	9 kW
••••••••••••••••••••••••••••••••••••	<ul> <li>at AC-23 A at 690 V rated value</li> </ul>	9 kW
• • #1.4-C3 at 800 V rated value     7.5 kW       Auxiliary circuit     0       number of NC contacts for auxiliary contacts     0       operating voltage of auxiliary contact at AC maximum     500 V       operating voltage of auxiliary contact at AC maximum     500 V       outnobus of NC contacts for auxiliary contact at AC maximum     500 V       stability for use and in switch     Ves       suitability for use and in switch     Yes       suitability for use and in the Science (as the locked in zere position     product feature can be locked into OFF position       rockarcititit     No     No       number of connectable ND contacts for auxiliary contacts     2       number of connectable ND contacts for auxiliary contacts     4       number of connectable ND contacts for auxiliary contacts     4       number of connectable ND contacts for auxiliary contacts     4	<ul> <li>at AC-3 at 240 V rated value</li> </ul>	4 kW
Auxiliary circuit         0           number of Coontacks for auxiliary contacts         0           number of Coontacks for auxiliary contacts         0           operating voltage of auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contact rade value         10.A           invalution voltage of the auxiliary contact rade value         500 V           suitability for use main switch         Yes           suitability for use switch disconnector         Yes           suitability for use saftery switch         Yes           rocosofia         Yes           suitability for use saftery switch         Yes           rocot dive         No           excession         No           excession         No           unot dive of concatclas for auxiliary contacts         4           number of concatclas for Auxiliary contacts         4           number of concatclas for Auxiliary contacts         4           number of concatcl	<ul> <li>at AC-3 at 400 V rated value</li> </ul>	8 kW
number of CO contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           operating voltage of auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contacts at AC maximum         500 V           suitability for use mains witch         Yes           suitability for use satisty switch rated value         500 V           suitability for use satisty switch         Yes           suitability for use satisty switch         Yes           perclair pototic feature         Can be looked in zero position           product feature can be looked into OFF positon         Yes           sccassories         No           product feature can be looked into OFF positon         Yes           sccassories         No           number of connectable NC contacts for auxiliary contacts         4           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         4           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         4           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         4	<ul> <li>at AC-3 at 690 V rated value</li> </ul>	7.5 kW
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         500 V           suitability for use switch fixed value         Yes           suitability for use switch fixed value         Can be locked in zero position           product feature         Yes           successories         2           article value inger         No           number of concetable NC contacts for auxiliary contacts         4           attachable maximum         2           number	Auxiliary circuit	
number of NO contacts for auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contacts at AC maximum         500 V           suitability for use main switch rated value         500 V           suitability for use switch fusconactor         Yes           suitability for use main switch         Yes           Product datability         Yes as addition OFF position           Product datability for use main switch         Yes           Product datability for use main switch         Yes           Product datability for use main switch maximum         Yes           accessories         Product datability for use main switch           product datability for use safety switch         Yes           attachability maximum         Can be locked in zero position           product datability contacts for auxiliary contacts         A           attachability maximum         A           number of contactable NC contacts for auxiliary contacts         A           attability for use radia value         10 kA<	number of CO 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           isultability for use and newtch nede value         500 V           suitability for use and newtch nede value         500 V           suitability for use and newtch nede value         Yes           suitability for use and newtch         Yes           suitability for use and newtch         Yes           suitability for use and newtch         Yes           autability for use and newtch         Yes           appendent dealare can be locked into OFF poellon         Yes           accessories         No           product dealare can be locked into OFF poellon         Yes           accessories         No           number of connectable NC contacts for auxiliary contacts         A           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         4           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         4           attacto V by gG Ase rated value         10	number of NC contacts for auxiliary contacts	0
continuous current of the auxiliary contact rated value     500 V       Suitability Suitability for use main switch     Yes       suitability for use switch disconnector     Yes       suitability for use switch disconnector     Yes       suitability for use main switch     Yes       suitability for use main remane/repair switch     Yes       suitability for use maintenane/repair switch     Yes       special product feature     Can be locked in zero position       product feature can be locked into OFF position     Yes       sccessoris     Product feature       product feature can be locked into OFF position     Yes       sccessoris     No       orndor drive     No       • woltaget Rigger     No       number of connectable NC contacts for auxiliary contacts     2       number of connectable NO contacts for auxiliary contacts     0       number of connectable OC contacts for auxiliary contacts     0       number of connectable OC contacts for auxiliary contacts     0       attachable meanium     2       namber of connectable OC contacts for auxiliary contacts     10 kA       attachable meanium     2       number of connectable OC contacts for auxiliary contacts     0       attachable meanium     2 kA       number of connectable OC contacts for auxiliary contacts     10 kA    <	number of NO contacts for auxiliary contacts	0
Instability         500 V           Suitability         Suitability           suitability for use switch disconnector         Yes           suitability for use switch disconnector         Yes           suitability for use safety switch         Yes           suitability for use safety switch         Yes           suitability for use safety switch         Yes           suitability for use main switch         Yes           special product feature can be locked into OFF position         Yes           product stansion optional         No           • motor drive         No           • voltage trigger         No           number of connectable NC contacts for auxiliary contacts         2           number of connectable NO contacts for auxiliary contacts         4           number of connectable NO contacts for auxiliary contacts         4           statchable maximum         2           hasp thickness of the bracket locks         4           orditional shot-circuit current with line-side fuse         10 kA           • at 400 V by G. fuse rated value         6 kA           Ist Vor c	operating voltage of auxiliary contacts at AC maximum	500 V
Satisbility              suitability for use switch disconnector             Yes             suitability for use safety switch             Yes             Yes	continuous current of the auxiliary contact rated value	10 A
suitability for use main switch Yes suitability for use switch disconnector Yes suitability for use SHERGENCY OFF switch No suitability for use maintenance/repair switch Yes suitability for use maintenance/repair switch Yes suitability for use maintenance/repair switch Yes suitability for use maintenance/repair switch Yes product fauture an be locked in OFF position Yes roduct fauture an be locked in OFF position Yes suitability for use maintenance/repair switch Yes voitage trigger number of connectable NC contacts for auxiliary contacts attachable maximum Contacts for auxiliary contacts attachable maximum On contacts for auxiliary contacts attachable maximum 0 contacts for auxiliary contacts attachable maximum 0 contacts for auxiliary contacts attachable maximum 0 number of connectable NC contacts for auxiliary contacts attachable maximum 0 number of connectable NC contacts for auxiliary contacts attachable maximum 0 number of connectable NC contacts for auxiliary contacts attachable maximum 0 number of connectable NC contacts for auxiliary contacts short clout conditional short-clout current with line-side fuse protecton • at 440 V by gG fuse rated value 10 kA • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch + gG fuse maximum • at 800 V for combination switch	insulation voltage of the auxiliary switch rated value	500 V
suitability for use switch disconnector         Yes           suitability for use safety switch         Yes           suitability for use naintenance/repair switch         Yes           special product feature can be locked into OFF position         Yes           product feature can be locked into OFF position         Yes           product feature can be locked into OFF position         Yes           eccessories         Product feature can be locked into OFF position           endor drive         No           • motor drive         No           • woltage frigger         No           number of connectable NC contacts for auxiliary contacts         2           attachable maximum         2           number of connectable OC contacts for auxiliary contacts         0           attachable maximum         2           number of connectable CO contacts for auxiliary contacts         0           conditional short-circuit current with line-side fuse protection         0           conditional short-circuit current with line-side fuse protection         0           conditional short-circuit current with line-side fuse maximum         3.5 kA           et 440 V by gG fuse rated value         10 kA           et 440 V for combination switch + gG fuse maximum         3.5 kA           et 440 V for combination switch + gG	Suitability	
suitability for use EMERGENCY OFF switch         No           suitability tor use snaltenance/repair switch         Yes           Special product feature         Can be locked in zero position           product extension optional         Yes           order texture can be locked into OFF position         Yes           accessorias         Product extension optional           or motor drive         No           • motor drive         No           • motor drive         No           attachable maximum         2           attachable maximum         2           number of connectable NO contacts for auxiliary contacts         4           attachable maximum         2           number of connectable CO contacts for auxiliary contacts         0           number of connectable NO contacts for auxiliary contacts         4           attachable maximum         2           hasp thickness of the bracket locks         4 6 mm           Short circuit         10 kA           e at 480 V by gG fuse rated value         10 kA           e at 490 V for combination switch + gG fuse maximum         3.5 kA           e at 480 V for combination switch + gG fuse maximum         4 kA2           e at 480 V for combination switch + gG fuse maximum         4 kA2	suitability for use main switch	Yes
suitability for use EMERGENCY OFF switch         No           suitability tor use snaltenance/repair switch         Yes           Special product feature         Can be locked in zero position           product extension optional         Yes           product extension optional         Yes           product extension optional         No           • motor drive         No           • number of connectable NO contacts for auxiliary contacts         4           attachable maximum         2           number of connectable CO contacts for auxiliary contacts         4           attachable maximum         2           number of connectable CO contacts for auxiliary contacts         4           stachable maximum         2           number of connectable CO contacts for auxiliary contacts         4           attachable maximum         2           attachable maximum         2           attachable maximum         3           attachable maximum         4           • at 44		Yes
suitability for use maintenance/repair switch         Yes           Product feature         Can be locked in zero position           product feature can be locked into OFF position         Yes           accessories         Product feature can be locked into OFF position         Yes           accessories         Product extension optional         No           • woltage trigger         No         No           • woltage trigger         No         No           • unamber of connectable NC contacts for auxiliary contacts         2           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         4           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         4           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         4           off circuit         2           conditional short-circuit current with line-side fuse protection         4           off circuit         0           conditional short-circuit current with line-side fuse maximum         3.5 kA           • at 440 V by gG bus rated value         6 kA           et-through current with closed switch         6 kA           et at 600 V for combination switch + gG fuse		No
suitability for use maintenance/repair switch         Yes           Product feature         Can be locked in zero position           product feature can be locked into OFF position         Yes           accessories         Product feature can be locked into OFF position         Yes           accessories         No         No           • woltage trigger         No         No           • woltage trigger         No         2           attachable maximum         2         1           number of connectable NC contacts for auxiliary contacts         4         3           attachable maximum         2         1           number of bracket locks maximum         2         1           number of connectable NC contacts for auxiliary contacts         4         6 mm           Short circuit         2         1         1           conditional short-circuit current with line-side fuse protection         4 6 mm         2           • at 440 V by gG fuse rated value         10 kA         6 kA           let-through current with closed switch         3.5 kA         6 kA           iet through current with closed switch         4 kA2.s         6 kA           iet through current with closed switch         6 kA         6 kA	suitability for use safety switch	Yes
special product feature         Can be locked in zero position           product feature can be locked into OFF position         Yes           product extension optional         No           • motor drive         No           • woltage tigger         No           number of connectable NC contacts for auxiliary contacts         2           attachable maximum         2           number of connectable OC contacts for auxiliary contacts         4           attachable maximum         2           number of connectable CO contacts for auxiliary contacts         0           attachable maximum         2           hasp thickness of the bracket locks         4 6 mm           Short circuit         3.5 kA           ocnditional short-circuit current with line-side fuse protoction         3.5 kA           • at 440 V br combination switch + gG fuse maximum         3.5 kA           • at 600 V br g Conbination switch + gG fuse maximum         4 kA           • at 440 V for combination switch + gG fuse maximum         4 kA           • at 440 V for combination switch + gG fuse maximum         4 kA           • at 440 V for combination switch + gG fuse maximum         4 kA           • at 440 V for combination switch + gG fuse maximum         4 kA           • at 440 V for combination switch + gG fuse maximum		Yes
product feature can be locked into OFF position     Yes       sccessories     product statesion optional       • motor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts     2       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     2       hasp thickness of the bracket locks     4 & mm       Short circuit     0       conditional short-circuit current with line-side fuse protection     0 kA       e at 440 V by gG fuse rated value     6 kA       let-through current with closed switch     3.5 kA       e at 240 V for combination switch + gG fuse maximum     3.5 kA       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch	Product details	
product feature can be locked into OFF position     Yes       sccessories     product statesion optional       • motor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts     2       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     2       hasp thickness of the bracket locks     4 & mm       Short circuit     0       conditional short-circuit current with line-side fuse protection     0 kA       e at 440 V by gG fuse rated value     6 kA       let-through current with closed switch     3.5 kA       e at 240 V for combination switch + gG fuse maximum     3.5 kA       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch + gG fuse maximum     4 kA2       e at 240 V for combination switch	special product feature	Can be locked in zero position
product extension optional     No       • notor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts     2       attachable maximum     2       number of connectable NO contacts for auxiliary contacts     4       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     2       number of bracket locks maximum     2       hasp thickness of the bracket locks     4 6 mm       Short circuit     0       conditional short-circuit current with line-side fuse protection     6 kA       e at 440 V by gG fuse rated value     6 kA       elt-through current with closed switch     4 kA       e at 240 V for combination switch + gG fuse maximum     3.5 kA       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 440 V for combination switch + gG fuse maximum     4 kA2.s       e at 440 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 680 V for combination switch + gG fuse maximum     4 kA2.s       e at 680 V for combination switch + gG fuse maximum     4 kA2.s       e at 680 V for combination switch + gG fuse maximum     4 kA2.s       e at 680 V for combination switch + gG fuse maxim		
• motor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts     2       attachable maximum     2       number of connectable NC contacts for auxiliary contacts     4       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       conditional short-circuit current with line-side fuse protection     0       conditional short-circuit current with line-side fuse protection     0 kA       e at 440 V by gG fuse rated value     6 kA       let-through current with closed switch     3.5 kA       e at 240 V for combination switch + gG fuse maximum     3.5 kA       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination switch + gG fuse maximum     4 kA2.s       e at 240 V for combination sw	accessories	
• motor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts     2       attachable maximum     2       number of connectable NC contacts for auxiliary contacts     4       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     2       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     2       hasp thickness of the bracket locks     4 6 mm       Short circuit     Conditional short-circuit current with line-side fuse protection       • at 440 V by gG fuse rated value     6 kA       let-through current with closed switch     3.5 kA       • at 800 V for combination switch + gG fuse maximum     3.5 kA       • at 800 V for combination switch + gG fuse maximum     4 kA2.s       • at 240 V for combination switch + gG fuse maximum     4 kA2.s       • at 800 V for combination switch + gG fuse maximum     4 kA2.s       • at 800 V for combination switch + gG fuse maximum     4 kA2.s       • at 440 V V for combination switch + gG fuse maximum     4 kA2.s       • at 800 V for combination switch + gG fuse maximum     4 kA2.s       • at 800 V for combination switch + gG fuse maximum     4 kA2.s       • at 800 V for combination switch + gG fuse maximum     4 kA2.s	product extension optional	
number of connectable NC contacts for auxiliary contacts attachable maximum       2         number of connectable NC contacts for auxiliary contacts attachable maximum       4         number of connectable CO contacts for auxiliary contacts attachable maximum       0         number of bracket locks maximum       2         hasp thickness of the bracket locks       4         Short dircuit       0         conditional short-circuit current with line-side fuse protection       0         e at 400 V by gG fuse rated value       10 kA         e at 400 V for combination switch + gG fuse maximum       3.5 kA         e at 400 V for combination switch + gG fuse maximum       3.5 kA         e at 400 V for combination switch + gG fuse maximum       4 kA         e at 400 V for combination switch + gG fuse maximum       4 kA         e at 400 V for combination switch + gG fuse maximum       4 kA         e at 400 V for combination switch + gG fuse maximum       4 kA         e at 400 V for combination switch + gG fuse maximum       4 kA2.s         e at 400 V for combination switch + gG fuse maximum       4 kA2.s         e design of the fuse link       9 fuse maximum       4 kA2.s         e design of the fuse link       9 fuse maximum       25 A         e or short-circuit protection of the auxiliary switch required       10 A		No
number of connectable NC contacts for auxiliary contacts       2         attachable maximum       4         number of connectable NC contacts for auxiliary contacts       4         number of connectable CO contacts for auxiliary contacts       0         number of connectable CO contacts for auxiliary contacts       0         number of connectable CO contacts for auxiliary contacts       0         number of connectable CO contacts for auxiliary contacts       0         number of bracket locks maximum       2         hasp thickness of the bracket locks       4 6 mm         Short circuit       0         conditional short-circuit current with line-side fuse protection       0 kA         e at 400 V by gG fuse rated value       10 kA         e at 400 V for combination switch + gG fuse maximum       3.5 kA         e at 400 V for combination switch + gG fuse maximum       4 kA         permissible       12 tvalue with closed switch         e at 400 V for combination switch + gG fuse maximum       4 kA2.s         e at 400 V for combination switch + gG fuse maximum       4 kA2.s         e at 400 V for combination switch + gG fuse maximum       4 kA2.s         e design of the fuse link       6 fuse maximum       4 kA2.s         e disgo V for combination switch + gG fuse maximum       4 kA2.s	voltage trigger	No
attachable maximum       4         number of connectable NO contacts for auxiliary contacts       4         number of connectable CO contacts for auxiliary contacts       0         number of bracket locks maximum       2         hasp thickness of the bracket locks       4 6 mm         Short circuit       5         conditional short-circuit current with line-side fuse protection       10 kA         • at 440 V by gG fuse rated value       6 kA         fet-through current with closed switch       3.5 kA         • at 240 V for combination switch + gG fuse maximum       3.5 kA         • at 240 V for combination switch + gG fuse maximum       3.5 kA         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A <td></td> <td>2</td>		2
attachable maximum       0         number of connectable CO contacts for auxiliary contacts       0         number of bracket locks maximum       2         hasp thickness of the bracket locks       4 6 mm         Short circuit       conditional short-circuit current with line-side fuse protection         • at 440 V by gG fuse rated value       10 kA         • at 450 V by gG fuse rated value       6 kA         let-through current with closed switch       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       4.kA         permissible       4 kA         it to 20 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s <t< td=""><td></td><td></td></t<>		
attachable maximum       2         hasp thickness of the bracket locks       4 6 mm         Short circuit       conditional short-circuit current with line-side fuse protection         • at 440 V by gG fuse rated value       10 kA         • at 680 V by gG fuse rated value       6 kA         let-through current with closed switch       6 kA         • at 420 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       4 kA         • at 420 V for combination switch + gG fuse maximum       4 kA         • at 420 V for combination switch + gG fuse maximum       4 kA         • at 420 V for combination switch + gG fuse maximum       4 kA         • at 420 V for combination switch + gG fuse maximum       4 kA2.s         • at 420 V for combination switch + gG fuse maximum       4 kA2.s         • at 420 V for combination switch + gG fuse maximum       4 kA2.s         • at 420 V for combination switch + gG fuse maximum       4 kA2.s         • at 420 V for combination switch + gG fuse maximum       4 kA2.s         • at 420 V for combination switch + gG fuse maximum       4 kA2.s         • for short-circuit protection of the main circuit required       fuse gL/gG: 25 A         for short-circuit protection of		4
hasp thickness of the bracket locks       4 6 mm         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         let-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       4 kA         permissible       4 kA         12t value with closed switch       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • design of the fuse link       fuse gL/gG: 25 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current at AC according to UL 508/UL       600 V         design of the fuse at 40 value       25 A         according UL       6000 V         operational current at AC		0
Short circuit         conditional short-circuit current with line-side fuse protection         • at 440 V by gG fuse rated value       10 kA         • at 440 V by gG fuse rated value       6 kA         let-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       3.5 kA         • at 640 V for combination switch + gG fuse maximum       3.5 kA         • at 640 V for combination switch + gG fuse maximum       4 kA         • at 640 V for combination switch + gG fuse maximum       4 kA         • at 240 V for combination switch + gG fuse maximum       4 kA         • at 240 V for combination switch + gG fuse maximum       4 kA         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 680 V for combination switch + gG fuse maximum       4 kA2.s         • design of the fuse link       fuse gL/gG: 25 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current at AC according to UL 508/UL       600 V         60947-4-1 rated value       600 V         60947-4-1 rated value       600 V         6000 V       600 V         60947-4-1 rated value       10         active power [hp] a	number of bracket locks maximum	2
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         let-through current with closed switch       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 450 V for combination switch + gG fuse maximum       4 kA         • at 690 V for combination switch + gG fuse maximum       4 kA         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 400 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         design of the fuse link       fuse gL/gG: 25 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       25 A         according UL       600 V         operational current of upstream fuse rated value       600 V         operational current of upstream fuse rated value </th <th>·</th> <th>4 6 mm</th>	·	4 6 mm
protection       0 kA         • at 440 V by gG fuse rated value       10 kA         • at 690 V by gG fuse rated value       6 kA         let-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       4 kA         permissible       4 kA         ////////////////////////////////////	Short circuit	
e at 690 V by gG fuse rated value       6 kA         let-through current with closed switch       3.5 kA         • at 240 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 690 V for combination switch + gG fuse maximum       4 kA         permissible       4 kA         !2t value with closed switch       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         design of the fuse link       6 use gL/gG: 25 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current at AC according to UL 508/UL 60947-4-1       25 A         according UL       600 V         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       25 A         active power [hp] at AC at 480 V according to UL 508/UL 600 V       <	protection	
let-through current with closed switch       3.5 kA         • at 240 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 690 V for combination switch + gG fuse maximum       4 kA         permissible       4 kA         [I2t value with closed switch       4 kA         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 490 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         design of the fuse link       fuse gL/gG: 25 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       25 A         according UL       600 V         operational current at AC according to UL 508/UL       600 V         60947-4-1 rated value       600 V         active power [hp] at AC at 480 V according to UL 508/UL       10         active power [hp] at AC at 600 V according to UL 508/UL       15		
• at 240 V for combination switch + gG fuse maximum       3.5 kA         • at 440 V for combination switch + gG fuse maximum       3.5 kA         • at 690 V for combination switch + gG fuse maximum       4 kA         permissible       4 kA         I2t value with closed switch       4 kA         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         design of the fuse link       fuse gL/gG: 25 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       25 A         according UL       600 V         operational current at AC according to UL 508/UL       600 V         60947-4-1 rated value       600 V         active power [hp] at AC at 480 V according to UL 508/UL       10         active power [hp] at AC at 600 V according to UL 508/UL       15		бКА
• at 440 V for combination switch + gG fuse maximum permissible3.5 kA• at 690 V for combination switch + gG fuse maximum permissible4 kA <b>I2t value with closed switch</b> • 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 fuse fuse fuse fuse fuse fuse fuse	-	
• at 690 V for combination switch + gG fuse maximum permissible         4 kA           I2t value with closed switch         4 kA           • at 240 V for combination switch + gG fuse maximum         4 kA2.s           • at 440 V for combination switch + gG fuse maximum         4 kA2.s           • at 690 V for combination switch + gG fuse maximum         4 kA2.s           • at 690 V for combination switch + gG fuse maximum         4 kA2.s           • at 690 V for combination switch + gG fuse maximum         4 kA2.s           • at 690 V for combination switch + gG fuse maximum         4 kA2.s           design of the fuse link         fuse gL/gG: 25 A           • for short-circuit protection of the main circuit required         fuse gL/gG: 10 A           operational current of upstream fuse rated value         25 A           according UL         operating voltage at AC at 50/60 Hz according to UL 508/UL         600 V           operating voltage at AC at 50/60 Hz according to UL 508/UL         600 V         600 V           60947-4-1 rated value         10         600 V           active power [hp] at AC at 480 V according to UL 508/UL         10	C C	
permissible       I2t value with closed switch         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         design of the fuse link       600 V for short-circuit protection of the main circuit required         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 25 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       25 A         according UL       000 V         operational current at AC according to UL 508/UL 60947-4-1       25 A         active power [hp] at AC at 480 V according to UL 508/UL       600 V         600 V       600 V         active power [hp] at AC at 480 V according to UL 508/UL       10         active power [hp] at AC at 600 V according to UL 508/UL       15	<sup>°</sup>	
I2t value with closed switch       I2t value with closed switch         • at 240 V for combination switch + gG fuse maximum       4 kA2.s         • at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         design of the fuse link       6         • for short-circuit protection of the main circuit required       fuse gL/gG: 25 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       25 A         according UL       0perational current at AC according to UL 508/UL 60947-4-1       25 A         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       25 A         active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1       600 V         600 V       600 V         active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1       10         active power [hp] at AC at 480 V according to UL 508/UL 10       10		4 KA
<ul> <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> <li>at 690 V for combination switch + gG fuse maximum</li> <li>4 kA2.s</li> <li>design of the fuse link         <ul> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 25 A</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> </ul> </li> <li>operational current of upstream fuse rated value</li> <li>25 A</li> <li>according UL</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL</li> <li>600 V</li> <li>600 V</li> <li>600 V</li> <li>active power [hp] at AC at 480 V according to UL 508/UL</li> <li>active power [hp] at AC at 600 V according to UL 508/UL</li> <li>15</li> </ul>		
• at 440 V for combination switch + gG fuse maximum       4 kA2.s         • at 690 V for combination switch + gG fuse maximum       4 kA2.s         design of the fuse link       4 kA2.s         • for short-circuit protection of the main circuit required       fuse gL/gG: 25 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       25 A         according UL       0         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       25 A         active power [hp] at AC at 480 V according to UL 508/UL       600 V         active power [hp] at AC at 600 V according to UL 508/UL       10         active power [hp] at AC at 600 V according to UL 508/UL       15		4 kA2.s
• at 690 V for combination switch + gG fuse maximum       4 kA2.s         design of the fuse link       fuse gL/gG: 25 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       25 A         according UL       operational current at AC according to UL 508/UL 60947-4-1         operating voltage at AC at 50/60 Hz according to UL 508/UL       600 V         60947-4-1 rated value       600 V         active power [hp] at AC at 480 V according to UL 508/UL       10         60947-4-1 rated value       15		
design of the fuse link <ul> <li>for short-circuit protection of the main circuit required</li> <li>fuse gL/gG: 25 A</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> </ul> operational current of upstream fuse rated value         25 A           according UL         25 A           operational current at AC according to UL 508/UL 60947-4-1 rated value         25 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         10           active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value         15	-	
<ul> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 25 A</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>operational current of upstream fuse rated value</li> <li>25 A</li> <li>according UL</li> <li>operational current at AC according to UL 508/UL 60947-4-1</li> <li>25 A</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL</li> <li>600 V</li> <li>60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL</li> <li>active power [hp] at AC at 600 V according to UL 508/UL</li> <li>10</li> </ul>		
<ul> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> <li>operational current of upstream fuse rated value</li> <li>25 A</li> <li>according UL</li> <li>operational current at AC according to UL 508/UL 60947-4-1</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL</li> <li>600 V</li> <li>60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL</li> <li>active power [hp] at AC at 600 V according to UL 508/UL</li> <li>10</li> </ul>	-	fuse aL/aG: 25 A
operational current of upstream fuse rated value       25 A         according UL       operational current at AC according to UL 508/UL 60947-4-1       25 A         operating voltage at AC at 50/60 Hz according to UL 508/UL       600 V         60947-4-1 rated value       600 V         active power [hp] at AC at 480 V according to UL 508/UL       10         60947-4-1 rated value       15		
according UL         operational current at AC according to UL 508/UL 60947-4-1       25 A         rated value       600 V         60947-4-1 rated value       600 V         active power [hp] at AC at 480 V according to UL 508/UL       10         60947-4-1 rated value       15	· · · · · · · · · · · · · · · · · · ·	
operational current at AC according to UL 508/UL 60947-4-1       25 A         rated value       600 V         operating voltage at AC at 50/60 Hz according to UL 508/UL       600 V         active power [hp] at AC at 480 V according to UL 508/UL       10         active power [hp] at AC at 600 V according to UL 508/UL       15		
operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value600 Vactive power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value10active power [hp] at AC at 600 V according to UL 508/UL15	operational current at AC according to UL 508/UL 60947-4-1	25 A
60947-4-1 rated value         active power [hp] at AC at 600 V according to UL 508/UL       15	operating voltage at AC at 50/60 Hz according to UL 508/UL	600 V
		10
		15

short-time withstand current (SCCR) at 600 V according to	5 kA
UL 508/UL 60947-4-1 continuous current of upstream fuse according to UL rate	d 50 A
value	
type of fuse according to UL	RK5
onnections AWG number as coded connectable conductor cross	
section solid maximum	
•	6
•	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 mm²)
type of connectable conductor cross-sections for auxiliary contacts	y
• 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 mm²
type of electrical connection	
for main current circuit	box terminal
<ul> <li>for auxiliary contacts</li> </ul>	Box terminals
lechanical Design	
height	60 mm
width	36 mm
depth	77 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	No
front mounting with central attachment	No
rail mounting	Yes
net weight	200 g
nvironmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
pprovals Certificates	
General Product Approval	
UK CE Confirm	
EG-Konf.	
other Environme	ent
Miscellaneous Confirmation Environme	
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## Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

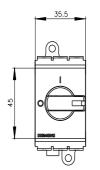
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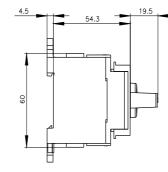
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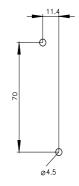
CAx-Online-Generator http://www.siemens.com/cax

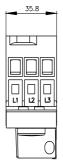
Tender specifications

http://www.siemens.com/specifications









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