## SIEMENS

## Data sheet

## 3LD3440-0TK13



Load disconnector 3LD3, lu 63 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 22.0 kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive red / yellow 48x48 mm

product brand name         SENTRON           product designation         Switch disconnector           design of the product         ENERCENCY-STOP 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         red           color of the actuating element         red           product diving mechanism motor drive         No           Operating technical data         number of poles note           number of poles note         3           mumber of poles note         3           electrical endurance (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         6000           operating frequency maximum         50 1/h           degree of pollution         3           voltage         effection class           operating frequency maximum         600 V           operating reguency rated value         690 V           operating reguency rated value         600 V           operating reguency rated value         600 V           operating reguency rated value         60 Hz	Model	
design of the product         EMERGENCY-STOP switch           display version for switch position indicator manual operation         1 ON - 0 CFF           type of switch         Floor mounting with door coupling           design of the actuating element         selector switch           color of the actuating element         red           design of the actuating element         red           design of the actuating element         red           design of the actuating element         red           mobio-operated mechanism, red/yellow         Wype of the driving mechanism motor drive           No - 00 perated mechanism, red/yellow         No           Operating technical data	product brand name	SENTRON
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       selector switch         color of the actuating element       red         design of handle       knob-operated mechanism, red/yellow         type of the driving mechanism motor drive       No         Constrait technical data	product designation	Switch disconnector
type of switch         Floor mounting with door coupling           design of the actuating element         selector switch           color of the actuating element         red           design of handle         knob-operated mechanism, red/yellow           type of the driving mechanism motor drive         No           General technical data	design of the product	EMERGENCY-STOP switch
design of the actualing element     selector switch       color of the actualing element     red       design of handle     knob-operated mechanism, red/yellow       type of the driving mechanism motor drive     No       General technical data     3       number of poles onto     3       mechanical service life (operating cycles) typical     100 000       electrical endurance (operating cycles) typical     6 000       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 frequency maximum     60 4V       operating requency maximum     60 V       operating requency maximum     60 V       operating requency rated value     680 V       operating requency maximum     60 Hz       operating requency rated value     60 V       operating requency rated value     60 Hz       • maximum     60 Hz       Protection class IP     IP65       degree of protection NEMA rating     1, 3R, 4X, 12       pretection class IP on the front     IP65       Disipation     4.5 W       operating state per pole     4.5 W       Main cricuit     63 A       o	display version for switch position indicator manual operation	1 ON - 0 OFF
color of the actuating element     red       design of handle     knob-operated mechanism, red/yellow       type of the driving mechanism motor drive     No       Control technical data	type of switch	Floor mounting with door coupling
design of handle       knob-operated mechanism, red/yellow         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	red
General technical data         number of poles note       3         number of poles note       3         mechanical service life (operating cycles) typical       100 000         electrical endurance (operating cycles)       6 000         operating frequency maximum       50 1/h         degree of pollution       3         Voltage       690 V         insulation voltage resistance rated value       690 V         operating voltage       6         • at AC rated value       690 V         operating frequency rated value       690 V         operating requency rated value       690 V         operating frequency rated value       690 V         operating trace walue       690 V         operating trace walue       690 V         operating trace walue       60 Hz         Protection class IP       IP65 <td>design of handle</td> <td>knob-operated mechanism, red/yellow</td>	design of handle	knob-operated mechanism, red/yellow
number of poles       3         number of poles note       3         number of poles note       3         mechanical service life (operating cycles) typical       100 000         electrical endurance (operating cycles)       6         • at AC-23 A at 690 V       6         operating frequency maximum       50 1/h         degree of pollution       3         Voltago       100 000         insulation voltage rated value       690 V         surge voltage resistance rated value       690 V         operating frequency maximum       60 V         surge voltage resistance rated value       690 V         operating frequency rated value       690 V         operating state per pole       1165         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP on the front       IP65         Dissipation       4.5 W         operating state per po	type of the driving mechanism motor drive	No
number of poles note       3         mechanical service life (operating cycles) typical       100 000         electrical endurance (operating cycles)       6         • at AC-23 A at 690 V       6 000         operating frequency maximum       50 1/h         degree of pollution       3         Voltage       990 V         insulation voltage rated value       690 V         operating voltage resistance rated value       690 V         operating requency maximum       690 V         operating requency rated value       690 V         operating requency rated value       690 V         operating requency rated value       690 V         operating frequency rated value       690 V         operating requency rated value       690 V         operating frequency rated value       690 V         operating requency rated value       690 V         operating frequency rated value       1, 3R, 4X, 12         protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP on the front       IP65 <td>General technical data</td> <td></td>	General technical data	
mechanical service life (operating cycles) typical     100 000       electrical endurance (operating cycles)     6 000       operating frequency maximum     50 1/h       degree of pollution     3       Voltage     690 V       surge voltage resistance rated value     690 V       operating voltage     6 kV       operating voltage resistance rated value     690 V       operating voltage     6 kV       operating requency rated value     690 V       operating requency rated value     690 V       operating frequency rated value     690 V       operating requency 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<	number of poles	3
electrical endurance (operating cycles)         • at AC-23 A at 690 V         6 000         operating frequency maximum         50 1/h         degree of pollution         3         Voitage         insulation voltage rated value         690 V         surge voltage resistance rated value         690 V         surge voltage resistance rated value         690 V         operating voltage         • at AC rated value         690 V         operating frequency rated value         60 Hz         Protection class IP         protection class IP         geree of protection NEMA rating         1, 3R, 4X, 12         protection class IP on the front         IP55         Dissipation         operational current         • at AC-21 at 690 V rated value         63 A <td>number of poles note</td> <td>3</td>	number of poles note	3
• 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       6 kV         operating voltage       690 V         operating voltage       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       Voltage         operating state per pole       63 A         Main circuit       63 A         ot at AC-21 at 690 V rated value       63 A         ot at AC-21 At 400 V rated value       63 A         ot AC-21 At 400 V rated value <td< td=""><td>mechanical service life (operating cycles) typical</td><td>100 000</td></td<>	mechanical service life (operating cycles) typical	100 000
operating frequency maximum50 1/hdegree of pollution3Voltage	electrical endurance (operating cycles)	
degree of pollution       3         Voltage       690 V         surge voltage resistance rated value       690 V         operating voltage       6 kV         operating voltage       690 V         operating voltage       690 V         operating requency rated value       690 V         operating frequency rated value       690 V         operation class IP       100 Hz         Protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP on the front       IP65         Dissipation       900 V         power loss [W] for rated value of the current at AC in hot operating state per pole       4.5 W         Main circuit       63 A         operational current       63 A         • at AC-21 at 240 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A         • at AC-21 A at 400 V r	• 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         operation 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       4.5 W         Main circuit       operational current       63 A         • at AC-21 at 690 V rated value       63 A         • at AC-21 A at 240 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A         • at AC-21 A at 440 V rated value       63 A         • at AC-21 A at 440 V rated value	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       1         protection class IP       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP on the front       IP65         Dissipation       4.5 W         operating state per pole       4.5 W         Main circuit       63 A         • at AC-21 at 690 V rated value       63 A         • at AC-21 A at 440 V rated value       63 A         • at AC-21 A at 440 V rated value       63 A         • at AC-21 A at 440 V rated value       63 A         • at AC-21 A at 440 V rated value       63 A         • at AC-21 A at 440 V rated value       63 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         • minimum       60 Hz         Protection class       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       4.5 W         operating state per pole       4.5 W         operating state per pole       63 A         • at AC-21 at 690 V rated value       63 A         • at AC-21 A at 440 V rated value       63 A         • at AC-21 A at 440 V rated value       63 A	Voltage	
operating voltage690 Voperating requency rated value690 Voperating frequency rated value600 Hz• minimum50 Hz• maximum60 HzProtection classprotection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65Dissipationpower loss [W] for rated value of the current at AC in hot operating state per poleMain circuitoperational current63 A• at AC-21 at 690 V rated value63 A• at AC-21 A at 400 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A	insulation voltage rated value	690 V
• at AC rated value690 Voperating frequency rated value50 Hz• minimum60 HzProtection class60 HzProtection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65DissipationPosepower loss [W] for rated value of the current at AC in hot operating state per pole4.5 WMain circuitoperational current• at AC-21 at 690 V rated value63 A• at AC-21 A at 240 V rated value63 A• at AC-21 A at 400 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A	surge voltage resistance rated value	6 kV
operating frequency rated value50 Hz• minimum50 Hz• maximum60 HzProtection classprotection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65DissipationIP65Dissipationpower loss [W] for rated value of the current at AC in hot operating state per poleMain circuit4.5 Woperational current4.5 W• at AC-21 at 690 V rated value63 A• at AC-21 A at 240 V rated value63 A• at AC-21 A at 400 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A	operating voltage	
• minimum50 Hz• maximum60 HzProtection classIP65protection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65DissipationIP65DissipationIP65Main circuit4.5 Woperating state per pole63 A• at AC-21 A at 240 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A	at AC rated value	690 V
• maximum60 HzProtection classPprotection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65DissipationPpower loss [W] for rated value of the current at AC in hot operating state per pole4.5 WMain circuitPoperational current63 A• at AC-21 at 690 V rated value63 A• at AC-21 A at 240 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A	operating frequency rated value	
Protection class       IP65         degree of protection NEMA rating       1, 3R, 4X, 12         protection class IP on the front       IP65         Dissipation       IP65         Dissipation       4.5 W         Main circuit       operational current         • at AC-21 at 690 V rated value       63 A         • at AC-21 A at 240 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A         • at AC-21 A at 440 V rated value       63 A	• minimum	50 Hz
protection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65Dissipationpower loss [W] for rated value of the current at AC in hot operating state per poledata currentoperational current4.5 W• at AC-21 at 690 V rated value63 A• at AC-21 A at 240 V rated value63 A• at AC-21 A at 400 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A	• maximum	60 Hz
degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65Dissipation4.5 Wpower loss [W] for rated value of the current at AC in hot operating state per pole4.5 WMain circuit63 Aoperational current63 A• at AC-21 A at 240 V rated value63 A• at AC-21 A at 400 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A	Protection class	
protection class IP on the frontIP65Dissipation4.5 Wpower loss [W] for rated value of the current at AC in hot operating state per pole4.5 WMain circuit63 Aoperational current • at AC-21 A at 240 V rated value63 A• at AC-21 A at 400 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A• at AC-21 A at 440 V rated value63 A	protection class IP	IP65
Dissipation         power loss [W] for rated value of the current at AC in hot operating state per pole       4.5 W         Main circuit       •         operational current       •         • at AC-21 at 690 V rated value       63 A         • at AC-21 A at 240 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A         • at AC-21 A at 400 V rated value       63 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       4.5 W         Main circuit       •         operational current       •         • at AC-21 at 690 V rated value       63 A         • at AC-21 A at 240 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A	protection class IP on the front	IP65
operating state per pole         Main circuit         operational current         • at AC-21 at 690 V rated value       63 A         • at AC-21 A at 240 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A         • at AC-21 A at 400 V rated value       63 A	Dissipation	
operational current63 A• at AC-21 at 690 V rated value63 A• at AC-21 A at 240 V rated value63 A• at AC-21 A at 400 V rated value63 A• at AC-21 A at 440 V rated value63 A		4.5 W
• at AC-21 at 690 V rated value63 A• at AC-21 A at 240 V rated value63 A• at AC-21 A at 400 V rated value63 A• at AC-21 A at 440 V rated value63 A	Main circuit	
<ul> <li>at AC-21 A at 240 V rated value</li> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>63 A</li> </ul>	operational current	
<ul> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>63 A</li> <li>63 A</li> </ul>	• at AC-21 at 690 V rated value	63 A
• at AC-21 A at 440 V rated value 63 A	• at AC-21 A at 240 V rated value	63 A
	• at AC-21 A at 400 V rated value	63 A
• at AC-23 A at 400 V rated value 43 A	<ul> <li>at AC-21 A at 440 V rated value</li> </ul>	63 A
	<ul> <li>at AC-23 A at 400 V rated value</li> </ul>	43 A

Uperating Journer III AV2-25 An it 201 V mote value III AV2 III AV2-25 An it 201 V mote value III AV2 III AV2-25 An it 201 V mote value III AV2 III AV2-25 An it 201 V mote value IIII AV2 IIII AV2-25 An it 201 V mote value IIII AV2 IIII AV2-25 An it 201 V mote value IIIII AV2 IIIII AV2 IIIII AV2 IIIII AV2 IIIIII AV2 IIIIIIIIII AV2 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
•••••••••••••••••••••••••••••••••••	operating power	44 1344
ex     AIA-23 A at 440 V rated value     19 kW       ex     AIA-23 at 240 V rated value     19 kW       ex     AIA-23 at 240 V rated value     19 kW       ex     AIA-23 at 240 V rated value     19 kW       ex     AIA-23 at 240 V rated value     19 kW       ex     AIA-23 at 240 V rated value     19 kW       ex     AIA-23 at 240 V rated value     19 kW       Anxitancy cloud     0     0       number of Coottabls for axuilary contrads     0     0       operating values of abuaity contrads at AC-maximum     500 V     00 V       continuous contracts for axuilary contrads at AC-maximum     500 V     00 V       continuous contracts for axuilary contrads at AC-maximum     500 V     00 V       continuous contracts for axuilary contrads     40 A     00 V       extrahibity for rate     Value     500 V       extrahibity for rate     Value		
<ul> <li>Al AC-23 At 400 V rade value</li> <li>Al AC-3 at 400 V rade value</li> <li>Al AL AL</li></ul>		
• Al AC-3 at 240 V related value     11 kW       • at AC-3 at 660 V rated value     15 kW       Auxiliary created     0       number of Co contacts for auxiliary contacts     0       - contracts of auxiliary contacts     0       - ratin auxiliary auxiliar auxiliary auxi		
• at AC-3 at 400 Y rated value     19 kW       • at AC-3 at 400 Y rated value     15 kW       Auxiliary circuit     0       number of CC contracts for auxiliary contracts     0       0 operating values of auxiliary contract at AC maximum     500 V       contracts of a auxiliary contract at AC maximum     500 V       contracts of a auxiliary contract rated value     500 V       solitability     500 V		
• • • • • • • • • • • • • • • • • • •		
Auxiliary circuit         0           number of CO contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           operating voltage of auxiliary contact rated value         500 V           continuous current of the auxiliary contact rated value         500 V           stability         500 V           continuous current of the auxiliary contact rated value         500 V           Stability         500 V           suitability         500 V           Stability         748 V           Stability         7		
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           stateshifty         500 V           subtachify         500 V		15 kW
number of NC 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 contact ated value         10 A           insultation voltage of auxiliary contact ated value         500 V           Suitability         insultation voltage of auxiliary contact ated value         500 V           suitability for use         -         -           - insultation voltage of the auxiliary switch rated value         500 V           Suitability for use         -         -           - subth disconnector         Yes         -           - moder diversion optional         -         -           - number d'onnectable OX contacts for auxiliary contacts         2         -           - number d'onnectable for auxiliary contacts         4         -           - number d'		
number of NO contacts for auxiliary contacts at AC maximum         500 V           continuous control of the auxiliary contact rated value         500 V           continuous contact rated value         500 V           suitability         500 V           product feature         Can be locked in zero position           product feature         Can be locked in zero position           secessorias         Ves           number of concetable OC contacts for auxiliary contacts         2           number of concetable OC contacts for auxiliary contacts         4           nu	number of CO contacts for auxiliary contacts	
operating voltage of axialing vontacts at AC maximum         500 V           continuous current of the axialing vontact rated value         10 A           installot voltage of the axialing vontact rated value         500 V           Suitability         suitability for use         10 A           - warkch disconnector         Yes           - warkch disconnector         Yes           - anal switch         Yes           - anal rate control (feature can be locked in CPF position         Yes           - market rates rates         Can be locked in zero position           product details         Product feature           opcode of the axiality contacts         2           - number of connectable NC contacts for axiality contacts         2           - number of connectable NC contacts for axiality contacts         4           - and attachable maximum         2           - number of connectable NC contacts for axiality contacts         4           - and maximum         2           - number of bracket locks for axiality contacts         4           - and maximum         2           - adapt inchares of the bracket locks         4           - adaptichty of S base rated value         10 kA           - at 40 V for combination switch + gG A base maximum         6 kA <t< td=""><td>number of NC contacts for auxiliary contacts</td><td></td></t<>	number of NC contacts for auxiliary contacts	
continuous current of the auxiliary sorticit rated value     500 V       Suitability     500 V       suitability     500 V       suitability     500 V       suitability     Yes       • main switch     Yes       • switch disconnector     Yes       • switch disconnector     Yes       • switch disconnector     Yes       • switch disconnector     Yes       • solety switch     Yes       • solety switch     Yes       • product feature     Can be locked in zero position       product cettersion optional     No       • mother drive     No       • mother drive     No       • worder drive     No       • mother drive <td></td> <td>0</td>		0
Instability         500 V           Suitability         Suitability           suitability         Ves           • main switch         Yes           • switch disconnector         Yes           • EMERCENCY OFF switch         Yes           • maintexact/regain switch         Yes           • maintexact/regain switch         Yes           special product feature         Can be tocked in zero position           product data         Product data           special product feature can be tocked int OFF position         Yes           accessories         Orable tocked in zero position           product data         No           • woltage trigger         No           • undard or figger         No           • undard or figger         No           • undard or figger         No           • under of concatable NC contacts for auxiliary contacts         2           atacchable maximum         2           unther of concatable NC contacts for auxiliary contacts         0           atacchable maximum         2           atachable maximum         2           • at 400 Vby of Gut to rated value         10 kA           • at 400 Vby of Gut tarted value         6 kA           left-through cur		500 V
Suitability                suitability             for use	continuous current of the auxiliary contact rated value	10 A
suitability for use  • main switch • switch disconnector • Kes • SubERGENCY OFF switch • safely switch • asafey switch • Yes • maintenance/repair switch  Product details  product details  product feature  Product feature Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature  Product feature Product feature Product feature Product feature Product feature Product fea	insulation voltage of the auxiliary switch rated value	500 V
• main switch         Yes           • switch disconnector         Yes           • ELMERGENCY OFF switch         Yes           • asafety switch         Yes           • maintenace/repair switch         Yes           Product details         Second product feature           special product feature         Can be locked in zero position           product extension optional         Yes           accessories         No           product extension optional         No           • motor forke         No           • motor of connectable NC contacts for auxiliary contacts         4           attachable maximum         2           number of connectable NC contacts for auxiliary contacts         0           attachable maximum         2           number of bracket locks maximum         2           hasp thickness of the bracket locks maximum         10 kA           • at 400 Vby og for ser tack value         6 kA           lettrough current with losed switch         6 KA           et 420 V for combination switch + gG fuse maximum         6 kA	Suitability	
Switch deconnector     Ves     ExtERQENCY OFF switch     Yes     asafety switch     Yes     asafety switch     Yes     maintenance/repair switch     Yes     Yes     Product details     Product details     product feature can be locked into OFF position     Yes	suitability for use	
• EMERGENCY OFF switch         Yes           • analy switch         Yes           special product feature         Can be locked in zero position           product feature         Can be locked in zero position           product feature         Can be locked in zero position           product feature         No           product feature         No           • motor drive         No           • attachable maximum         2           • attachable maximum         2           • attachable maximum         2           • attachable maximum         4           • atta00 V by gG fuse rated value         6 kA           Ielthrough current with diseas switch	main switch	Yes
Safety switch Yes     maintenance/repair switch Yes     maintenance/repair switch Yes     product feature     special product feature     special product feature can be locked into OFF position     reduct teature can be locked for auxiliary contacts     reduct teature and the locked for auxiliary contacts     attachable maximum     number of connectable IOC contacts for auxiliary contacts     attachable maximum     number of connectable COC contacts for auxiliary contacts     attachable maximum     number of connectable COC contacts for auxiliary contacts     attachable maximum     auximum     attachable maximum     auximum     attachable maximum     attachable     attachable maximum     attachable     atta	<ul> <li>switch disconnector</li> </ul>	Yes
• maintenance/repair switch     Product details     Special product feature     Can be locked in zero position     product feature can be locked into OFF position     Product feature can be locked into OFF position     Product extension optional     • motor drive     • voltage trigger     No     · number of connectable NC contacts for auxiliary contacts     attachable maximum     rumber of connectable NC contacts for auxiliary contacts     attachable maximum     rumber of connectable NC contacts for auxiliary contacts     attachable maximum     rumber of connectable NC contacts for auxiliary contacts     attachable maximum     contacts for auxiliary contacts     attachable notion     contacts for auxiliary contacts     attachable maximum     contacts for auxiliary contacts     attachable maximum     contacts for auxiliary contacts     attachable maximum     eat 400 V by gG fuse rated value     6 kA     eat 600 V by gG fuse rated value     6 kA     eat 600 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum     eat 400 V for combination switch + gG fuse maximum	<ul> <li>EMERGENCY OFF switch</li> </ul>	Yes
Product details           special product feature         Can be locked in zero position           product feature can be locked into OFF position         Yes           sccssories         product extension optional           or motor 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         0           number of connectable CO contacts for auxiliary contacts         4           attachable maximum         2           number of tracket locks maximum         2           number of tracket locks maximum         2           number of tracket locks maximum         6           short circuit         0           conditional short-circuit current with line-side fuse protection         6 kA           e1440 V br go G luse rated value         6 kA           e1440 V for combination switch + gG fuse maximum         6 kA           e1440 V for combination switch + gG fuse maximum         6 kA           e1440 V for combination switch + gG fuse maximum         21 kA2.s           e1460 V for combination switch + gG fuse maximum         21 kA2.s      <	<ul> <li>safety switch</li> </ul>	Yes
special product feature         Can be locked in zero position           product feature can be locked into OFF position         Yes           accessories         Product Keatersion optional         No           • notor drive         No         No           • voltage trigger         No         2           number of connectable NC contacts for auxiliary contacts         4         4           attachable maximum         2         1           number of connectable NC contacts for auxiliary contacts         0         1           attachable maximum         2         1         1           number of connectable CO contacts for auxiliary contacts         4         1         1           number of connectable CO contacts for auxiliary contacts         4         .         1           number of bracket locks maximum         2         1         1           hasp thickness of the bracket locks         4         6 mm         5           Short circuit         10 kA         6 kA         6 kA           iet 440 V by gG fuse rated value         10 kA         6 kA           iet 440 V for combination switch + gG fuse maximum         6 kA         6 kA           iet 440 V for combination switch + gG fuse maximum         6 kA         6 kA	maintenance/repair switch	Yes
product feature can be locked into OFF position     Yes       accessories     product extension optional	Product details	
accessories       product extension optional       • motor drive       • voltage trigger       number of connectable NC contacts for auxiliary contacts       attachable maximum       number of connectable OC contacts for auxiliary contacts       attachable maximum       number of connectable OC contacts for auxiliary contacts       attachable maximum       number of connectable OC 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 connectable CO contacts for auxiliary contacts       attachable maximum       attachable maximum       attachable maximum       attachable maximum       attachable maximum       e at 440 V by gG fuse rated value       of kA       elet-through current with closed switch       e at 240 V for combination switch + gG fuse maximum       e at 240 V for combination switch + gG fuse maximum       e at 240 V for combination switch + gG fuse maximum       e at 240 V for combination switch + gG fuse maximum       e at 240 V for combination switch + gG fuse maximum       e at 240 V for combination switch + gG	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 attachable maximum     2       number of connectable NC contacts for auxiliary contacts attachable maximum     4       number of connectable NC contacts for auxiliary contacts attachable maximum     0       number of connectable NC contacts for auxiliary contacts attachable maximum     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     6 kA       eit 440 V by gG fuse rated value     6 kA       let-through current with closed switch     6 kA       eit 630 V by gG fuse rated value     6 kA       lzt value with closed switch     6 kA       eit 440 V for combination switch + gG fuse maximum permissible     6 kA       lzt value with closed switch     6 kA       eit 440 V for combination switch + gG fuse maximum permissible     21 kA2.s       lzt value with closed switch     6 kA       eit 440 V for combination switch + gG fuse maximum permissible     21 kA2.s       lzt value with closed of the maximum permissible     21 kA2.s       eit 440 V for combination switch + gG fuse maximum eit 440 V for combination switch + gG fuse maximum eit 440 V for combination s	product feature can be locked into OFF position	Yes
• motor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts     2       attachable maximum     4       number of connectable NC contacts for auxiliary contacts     4       attachable maximum     4       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     0       number of bracket locks     4 6 mm       Short circuit     2       conditional short-circuit current with line-side fuse protection     6 kA       eit 440 V by gG fuse rated value     6 kA       eit 440 V for combination switch + gG fuse maximum     6 kA       eit 400 V for combination switch + gG fuse maximum     6 kA       eit 240 V for combination switch + gG fuse maximum     6 kA       eit 240 V for combination switch + gG fuse maximum     6 kA       eit 240 V for combination switch + gG fuse maximum     6 kA       eit 240 V for combination switch + gG fuse maximum     21 kA2.s       eit 240 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V	accessories	
• motor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts     2       attachable maximum     4       number of connectable NC contacts for auxiliary contacts     4       attachable maximum     4       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     0       number of bracket locks     4 6 mm       Short circuit     2       conditional short-circuit current with line-side fuse protection     6 kA       eit 440 V by gG fuse rated value     6 kA       eit 440 V for combination switch + gG fuse maximum     6 kA       eit 400 V for combination switch + gG fuse maximum     6 kA       eit 240 V for combination switch + gG fuse maximum     6 kA       eit 240 V for combination switch + gG fuse maximum     6 kA       eit 240 V for combination switch + gG fuse maximum     6 kA       eit 240 V for combination switch + gG fuse maximum     21 kA2.s       eit 240 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V for combination switch + gG fuse maximum     21 kA2.s       eit 360 V	product extension optional	
number of connectable NC contacts for auxiliary contacts       2         attachable maximum       4         number of connectable NO contacts for auxiliary contacts       4         attachable maximum       0         number of connectable CO contacts for auxiliary contacts       4         attachable maximum       0         number of bracket locks maximum       2         hasp thickness of the bracket locks       4         conditional short-circuit current with line-side fuse protection       0         eit 440 V by gG fuse rated value       10 kA         eat 680 V by gG fuse rated value       6 kA         let-through current with closed switch       6 kA         eat 240 V for combination switch + gG fuse maximum       6 kA         eat 400 V for combination switch + gG fuse maximum       6 kA         eat 240 V for combination switch + gG fuse maximum       6 kA         eat 400 V for combination switch + gG fuse maximum       21 kA2.s         eat 690 V for combination switch + gG fuse maximum       21 kA2.s         eat 690 V for combination switch + gG fuse maximum       21 kA2.s         eat 690 V for combination switch + gG fuse maximum       21 kA2.s         eat 690 V for combination switch + gG fuse maximum       21 kA2.s         eat 690 V for combination switch + gG fuse maximum       2		No
number of connectable NC contacts for auxiliary contacts       2         attachable maximum       4         number of connectable NO contacts for auxiliary contacts       4         attachable maximum       0         number of connectable NO contacts for auxiliary contacts       4         attachable maximum       2         number of bracket locks maximum       2         hasp thickness of the bracket locks       4         conditional short-circuit current with line-side fuse protection       0         et 440 V by gG fuse rated value       6 kA         et 440 V by G fuse rated value       6 kA         et 440 V for combination switch + gG fuse maximum       6 kA         et 440 V for combination switch + gG fuse maximum       6 kA         et 440 V for combination switch + gG fuse maximum       6 kA         et 440 V for combination switch + gG fuse maximum       6 kA         et 440 V for combination switch + gG fuse maximum       21 kA2.s         et 440 V for combination switch + gG fuse maximum       21 kA2.s         et 680 V for combination switch + gG fuse maximum       21 kA2.s         et 690 V for combination switch + gG fuse maximum       21 kA2.s         et 690 V for combination switch + gG fuse maximum       21 kA2.s         et 690 V for combination switch + gG fuse maximum       21	voltage trigger	No
attachable maximum       4         number of connectable CO contacts for auxiliary contacts       4         number of connectable CO contacts for auxiliary contacts       0         attachable maximum       2         hasp thickness of the bracket locks       4 6 mm         Short circuit       2         conditional short-circuit current with line-side fuse protection       0         • at 440 V by gG fuse rated value       10 kA         • at 690 V by gG fuse rated value       6 kA         !et-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • for short-circuit		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       0         conditional short-circuit current with line-side fuse protection <ul> <li>at 440 V by gG fuse rated value</li> <li>6 kA</li> <li>et 240 V for combination switch + gG fuse maximum</li> <li>6 kA</li> <li>et 240 V for combination switch + gG fuse maximum</li> <li>6 kA</li> <li>et 240 V for combination switch + gG fuse maximum</li> <li>6 kA</li> </ul> <li>Izt value with closed switch         <ul> <li>at 440 V for combination switch + gG fuse maximum</li> <li>6 kA</li> <li>et 440 V for combination switch + gG fuse maximum</li> <li>6 kA</li> </ul> </li> <li>Izt value with closed switch         <ul> <li>at 490 V for combination switch + gG fuse maximum</li> <li>14 kA2.s</li> <li>at 490 V for combination switch + gG fuse maximum</li> <li>21 kA2.s</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>21 kA2.s</li> <li>design of the fuse link             <ul> <li>for short-circuit protection of the main circuit required</li> <li>fuse gL/gG: 63 A</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> <li>operational current at AC according to UL 508/UL 60947-4-1</li> <li>rated value</li> <li>63 A</li> <li>coperational current at AC according to UL 508/UL</li></ul></li></ul></li>		
attachable maximum       2         hasp thickness of the 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 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       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         12t value with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         i at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       fuse gL/gG: 63 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A     <		4
hasp thickness of the bracket locks     4 6 mm       Short circuit     conditional short-circuit current with line-side fuse 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     6 kA       • at 490 V for combination switch + gG fuse maximum     6 kA       • at 690 V for combination switch + gG fuse maximum     6 kA       • at 240 V for combination switch + gG fuse maximum     6 kA       • at 240 V for combination switch + gG fuse maximum     21 kA2.s       • at 240 V for combination switch + gG fuse maximum     21 kA2.s       • at 240 V for combination switch + gG fuse maximum     21 kA2.s       • at 240 V for combination switch + gG fuse maximum     21 kA2.s       • at 690 V for combination switch + gG fuse maximum     21 kA2.s       • at 690 V for combination switch + gG fuse maximum     21 kA2.s       • at 690 V for combination switch + gG fuse maximum     21 kA2.s       design of the fuse link     fuse gL/gG: 63 A       • for short-circuit protection of the auxiliary switch required     fuse gL/gG: 10 A       operational current of upstream fuse rated value     63 A       according UL     600 V       operational current at AC according to UL 508/UL 60947-4-1     63 A		0
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       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       600 V         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       63 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       6 kA         let-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 640 V for combination switch + gG fuse maximum       6 kA         • at 640 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 490 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       fuse gL/gG: 63 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       63 A         according UL       600 V         operating voltage at AC at 50/06 Hz according to UL 508/UL 60947-4-1       63 A         active p	hasp thickness of the bracket locks	4 6 mm
• at 440 V by gG fuse rated value10 kA• at 690 V by gG fuse rated value6 kAlet-through current with closed switch6 kA• at 240 V for combination switch + gG fuse maximum6 kA• at 440 V for combination switch + gG fuse maximum6 kA• at 690 V for combination switch + gG fuse maximum6 kA• at 690 V for combination switch + gG fuse maximum6 kA• at 240 V for combination switch + gG fuse maximum6 kA• at 240 V for combination switch + gG fuse maximum21 kA2.s• at 240 V for combination switch + gG fuse maximum21 kA2.s• at 240 V for combination switch + gG fuse maximum21 kA2.s• at 440 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.sdesign of the fuse linkfuse gL/gG: 63 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value63 Aaccording UL63 Aoperational current at AC according to UL 508/UL 60947-4-163 Aactive power [hp] at AC at 480 V according to UL 508/UL 60947-25active power [hp] at AC at 600 V according to UL 508/UL 60947-30	Short circuit	
• at 690 V by gG fuse rated value6 kAlet-through current with closed switch6 kA• at 240 V for combination switch + gG fuse maximum6 kA• at 440 V for combination switch + gG fuse maximum6 kA• at 690 V for combination switch + gG fuse maximum6 kA• at 240 V for combination switch + gG fuse maximum6 kA• at 240 V for combination switch + gG fuse maximum21 kA2.s• at 240 V for combination switch + gG fuse maximum21 kA2.s• at 440 V for combination switch + gG fuse maximum21 kA2.s• at 440 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.s• at 90 V for combination switch + gG fuse maximum21 kA2.s• at 90 V for combination switch + gG fuse maximum21 kA2.s• of or short-circuit protection of the main circuit requiredfuse gL/gG: 63 A• for short-circuit protection of the auxiliary switch required63 A<	conditional short-circuit current with line-side fuse protection	
let-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         permissible       6 kA         !l2t value with closed switch       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       fuse gL/gG: 63 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       600 V         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       63 A         active power [hp] at AC at 480 V according to UL 508/UL 60947-       25         active power [hp] at AC at 480 V according to UL 508/UL 60947-       30	<ul> <li>at 440 V by gG fuse rated value</li> </ul>	10 kA
et 240 V for combination switch + gG fuse maximum6 kAet 440 V for combination switch + gG fuse maximum6 kAet 690 V for combination switch + gG fuse maximum6 kApermissible6 kAI2t value with closed switch6 kAet 240 V for combination switch + gG fuse maximum21 kA2.set 440 V for combination switch + gG fuse maximum21 kA2.set 440 V for combination switch + gG fuse maximum21 kA2.set 440 V for combination switch + gG fuse maximum21 kA2.set 690 V for combination switch + gG fuse maximum21 kA2.set 690 V for combination switch + gG fuse maximum21 kA2.sdesign of the fuse link6 sa A• for short-circuit protection of the main circuit requiredfuse gL/gG: 63 A• for short-circuit protection of the auxiliary switch required6 sa Aaccording UL0perational current at AC according to UL 508/UL 60947-4-1operational current at AC at 50/60 Hz according to UL 508/UL 60947-4-163 Aactive power [hp] at AC at 480 V according to UL 508/UL 60947-25active power [hp] at AC at 600 V according to UL 508/UL 60947-30	<ul> <li>at 690 V by gG fuse rated value</li> </ul>	6 kA
• at 440 V for combination switch + gG fuse maximum permissible6 kA• at 690 V for combination switch + gG fuse maximum permissible6 kAI2t value with closed switch6 kA• 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 • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • for short-circuit protection of the main circuit required • fuse gL/gG: 63 A • for short-circuit protection of the auxiliary switch required • fuse gL/gG: 10 A • operating outrent at AC according to UL 508/UL 60947-41 • for A • for a value63 A• operating voltage at AC at 50/60 Hz according to UL 508/UL 60947- • 41 rated value • active power [hp] at AC at 480 V accordi	let-through current with closed switch	
e at 690 V for combination switch + gG fuse maximum permissible     12t value with closed switch         e at 240 V for combination switch + gG fuse maximum 21 kA2.s         e at 440 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e at 690 V for combination switch + gG fuse maximum 21 kA2.s         e according turrent of the main circuit required fuse gL/gG: 10 A         operating ucurrent of upstream fuse rated value 63 A         according UL         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1         rated value         operating voltage at AC at 480 V according to UL 508/UL 60947-         25         active power [hp] at AC at 480 V according to UL 508/UL 60947-         30	• at 240 V for combination switch + gG fuse maximum	6 kA
permissible         I2t value with closed switch         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       -         • for short-circuit protection of the main circuit required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       -         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       63 A         active power [hp] at AC at 480 V according to UL 508/UL 60947-       25         4-1 rated value       -         active power [hp] at AC at 600 V according to UL 508/UL 60947-       30	• at 440 V for combination switch + gG fuse maximum	6 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>at 690 V for combination switch + gG fuse maximum</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>be at 600 V for combination switch + gG fuse maximum</li> <li>be at 600 V for combination switch + gG fuse maximum</li> <li>be at 600 V for control in the fuse fuse fuse fuse fuse fuse fuse fus</li></ul>		6 kA
<ul> <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>21 kA2.s</li> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>operational current of upstream fuse rated value</li> <li>63 A</li> <li>according UL</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL</li> <li>60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL 60947-</li> <li>4-1 rated value</li> <li>active power [hp] at AC at 600 V according to UL 508/UL 60947-</li> <li>30</li> </ul>	I2t value with closed switch	
• at 690 V for combination switch + gG fuse maximum21 kA2.sdesign of the fuse link • for short-circuit protection of the main circuit requiredfuse gL/gG: 63 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value63 Aaccording ULoperational current at AC according to UL 508/UL 60947-4-1operating voltage at AC at 50/60 Hz according to UL 508/UL600 V60947-4-1 rated value600 Vactive power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value25active power [hp] at AC at 600 V according to UL 508/UL 60947- 4-1 rated value30	• at 240 V for combination switch + gG fuse maximum	21 kA2.s
• at 690 V for combination switch + gG fuse maximum21 kA2.sdesign of the fuse link • for short-circuit protection of the main circuit requiredfuse gL/gG: 63 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value63 Aaccording ULoperational current at AC according to UL 508/UL 60947-4-1operating voltage at AC at 50/60 Hz according to UL 508/UL600 V60947-4-1 rated value600 Vactive power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value25active power [hp] at AC at 600 V according to UL 508/UL 60947- 4-1 rated value30	• at 440 V for combination switch + gG fuse maximum	21 kA2.s
design of the fuse link <ul> <li>for short-circuit protection of the main circuit required</li> <li>fuse gL/gG: 63 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         63 A           according UL <ul> <li>operational current at AC according to UL 508/UL 60947-4-1</li> <li>fated value</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1</li> <li>factive power [hp] at AC at 480 V according to UL 508/UL 60947-</li> <li>active power [hp] at AC at 600 V according to UL 508/UL 60947-</li> <li>active power [hp] at AC at 600 V according to UL 508/UL 60947-</li> <li>30</li> </ul>	-	21 kA2.s
• for short-circuit protection of the main circuit required         fuse gL/gG: 63 A           • for short-circuit protection of the auxiliary switch required         fuse gL/gG: 10 A           operational current of upstream fuse rated value         63 A           according UL         63 A           operational current at AC according to UL 508/UL 60947-4-1         63 A           operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1         600 V           60947-4-1 rated value         600 V           active power [hp] at AC at 480 V according to UL 508/UL 60947-         25           active power [hp] at AC at 600 V according to UL 508/UL 60947-         30		
• for short-circuit protection of the auxiliary switch required         fuse gL/gG: 10 A           operational current of upstream fuse rated value         63 A           according UL         63 A           operational current at AC according to UL 508/UL 60947-4-1 rated value         63 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         25           active power [hp] at AC at 600 V according to UL 508/UL 60947- 30         30	<ul> <li>for short-circuit protection of the main circuit required</li> </ul>	fuse gL/gG: 63 A
operational current of upstream fuse rated value       63 A         according UL       0         operational current at AC according to UL 508/UL 60947-4-1       63 A         rated value       600 V         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       600 V         active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value       25         active power [hp] at AC at 600 V according to UL 508/UL 60947-       30		
according UL         operational current at AC according to UL 508/UL 60947-4-1       63 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 60947-       25         4-1 rated value       30		
operational current at AC according to UL 508/UL 60947-4-1       63 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 60947-       25         4-1 rated value       30		
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 value25active power [hp] at AC at 600 V according to UL 508/UL 60947- 3030	operational current at AC according to UL 508/UL 60947-4-1	63 A
4-1 rated value       active power [hp] at AC at 600 V according to UL 508/UL 60947-       30	operating voltage at AC at 50/60 Hz according to UL 508/UL	600 V
		25
	active power [hp] at AC at 600 V according to UL 508/UL 60947-	30

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 mm²
type of electrical connection	
for main current circuit	box terminal
for auxiliary contacts	Box terminals
Mechanical Design	
height	60 mm
width	36 mm
depth	380 mm
type of device	fixed mounting
fastening method fastening method	Built-in unit fixed-mounted version
4-hole front mounting	No
front mounting with central attachment	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
other Environment	
Confirmation Miscellaneous Environmental firmations	

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

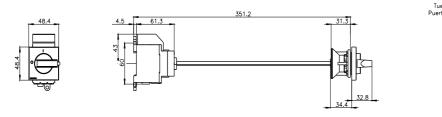
Information on the packaging

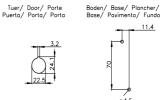
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Information- and Downloadcenter (Catalogs, Brochures,...)

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