SIEMENS

Data sheet

3LD2154-2EP51



SENTRON, Switch disconnector 3LD, main switch, 4-pole, lu: 25 A, Operating power / at AC-23 A at 400 V: 9.5 kW, front-mounted, 1 NC, 1 NO, rotary operating mechanism, black, Central mounting 22.5 mm of the handle

Model	
product brand name	SENTRON
product designation	3LD Switch disconnector
design of the product	Main switch
display version for switch position indicator manual operation	1 ON - 0 OFF
type of switch	front mounted
design of the actuating element	Short rotary knob
color of the actuating element	black
design of handle	rotary operating mechanism, black
type of the driving mechanism motor drive	No
General technical data	
number of poles	4
size of switch disconnector	2
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	IP65
degree of protection NEMA rating	1, 3R, 4X, 12
protection class IP on the front	IP65
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	1.1 W
Current	
operational current rated value	25 A
operational current	
 at 40 °C rated value 	25 A
 at 45 °C rated value 	25 A
 at 50 °C rated value 	25 A
 at 55 °C rated value 	25 A

Value State operational current 25 A = A A C 21 A par 240 (randet value 25 A = A A C 21 A par 240 (randet value 25 A = A A C 21 A par 240 (randet value 25 A = A A C 21 A par 240 (randet value 25 A = A A C 21 A par 240 (randet value 25 A = A A C 23 A par 240 (randet value 20 A operational current (randet value 20 A = A A C 23 A par 240 (randet value 5 KW = A A C 23 A par 240 (randet value 9 KW = A A C 23 A par 240 (randet value 9 KW = A A C 23 A par 240 (randet value 7.5 KW Auxiliary carcent 10 kW = A A C 23 A par 240 (randet value 7.5 KW Auxiliary carcent 10 kW = A A C 23 A par 240 (randet value 7.5 KW Auxiliary carcent 10 kW = A A C 23 A par 240 (randet value 7.5 KW Auxiliary carcent 10 kW = A A C 23 A par 240 (randet value 50 V = A A C 24 A par 240 (randet value 50 V = A C 25 A par 240 (randet value 50 V <tr< th=""><th> at AC rated value </th><th>25 A</th></tr<>	 at AC rated value 	25 A
operational current 25 A • II AC 21 A at 240 V rated value 25 A • II AC 21 A at 240 V rated value 25 A • II AC 21 A at 240 V rated value 25 A • II AC 21 A at 240 V rated value 25 A • II AC 21 A at 400 V rated value 20 A operating pores • II AC 23 A at 400 V rated value 20 A operating pores • II AC 23 A at 400 V rated value 5 W • II AC 23 A at 400 V rated value 9 SW • II AC 23 A at 400 V rated value • II AC 23 A at 460 V rated value 9 SW • II AC 23 A at 460 V rated value • II AC 23 A at 460 V rated value 7 SW Acc 23 A at 460 V rated value 7 SW AuxIlary criteria • II Not AC 23 A at 460 V rated value 7 SW Acc 3 at 660 V rated value 7 SW AuxIlary criteria • II Not AC 23 At 460 V rated value 7 SW Acc 3 at 660 V rated value 7 SW AuxIlary criteria • II Not AC 23 At 660 V rated value 7 SW Acc 3 at 660 V rated value 7 SW AuxIlary criteria • II Not AC 23 At 660 V rated value 500 V 500 V statability rouxic Ves		
i al AC-21 at 660 V rated value25 Ai al AC-21 A at 400 V rated value25 Ai al AC-23 A at 400 V rated value25 Ai al AC-23 A at 400 V rated value20 Aoperating power20 Ai al AC-23 A at 400 V rated value10 kWi al AC-23 A at 400 V rated value5 kWi al AC-23 A at 400 V rated value5 kWi al AC-23 A at 400 V rated value5 kWi al AC-23 A at 400 V rated value5 kWi al AC-23 A at 600 V rated value5 kWi al AC-23 A at 600 V rated value7 k kWAuxiliary contacts for auxiliary contacts1i al AC-3 at 600 V rated value7 k kWAuxiliary contacts for auxiliary contacts1number of NC contacts for auxiliary contacts1number of NC contacts for auxiliary contacts1operating value of the auxiliary contacts10 Aissuitability for us500 Vissuitability for us10 Aissuitability for usYesissuitability for usYesissuitability for usYesissuitability for usNoissuitability for us<		
et AC-21 A at 240 V rated value25 Aet AC-22 A at 440 V rated value26 Aet AC-23 A at 430 V rated value26 Aoperating power90 Aet AC-23 A at 240 V rated value10 Wet AC-23 A at 240 V rated value10 Wet AC-23 A at 440 V rated value10 Wet AC-23 A at 440 V rated value10 Wet AC-23 A at 460 V rated value10 Wet AC-23 A at 600 V rated value10 Wet AC-23 A at 600 V rated value10 Wet AC-23 At 600 V rated value10 Net AC-33 At 600 V rated value10 Net AC-34 At 600 Y rated value10 N </td <td></td> <td>25 A</td>		25 A
ai AC-21 A at 400 Vrated value25 Aai AC-23 A at 400 Vrated value20 Aoperating prover20 Aai AC-23 A at 400 Vrated value5 kWai AC-23 A at 400 Vrated value10 kWai AC-23 A at 400 Vrated value9 5 kWai AC-23 A at 400 Vrated value9 5 kWai AC-23 A at 400 Vrated value9 5 kWai AC-23 A at 600 Vrated value8 kWai AC-23 at 600 Vrated value8 kWai AC-23 at 600 Vrated value7 5 kWAuxiliary cricuit7 5 kWAuxiliary cricuit1 and 1		
• af AC-21 A at 40V rated value 25 A operating power 20 A • af AC-23 A at 200 V rated value 5 kW • af AC-23 A 44:00 V rated value 10 kW • af AC-23 A at 400 V rated value 9 S kW • af AC-23 A at 600 V rated value 9 S kW • af AC-23 A at 600 V rated value 9 S kW • af AC-23 A at 600 V rated value 9 S kW • af AC-23 A at 600 V rated value 8 kW • af AC-23 A at 600 V rated value 7 S kW • af AC-3 at 600 V rated value 7 S kW • af AC-3 at 600 V rated value 0 A • af AC-3 at 600 V rated value 0 A • af AC-3 at 600 V rated value 0 A • af AC-3 at 600 V rated value 0 A • af AC-3 at 600 V rated value 0 A • af AC-3 at 600 V rated value 0 A • af AC-3 at 600 V rated value 0 A • af AC-3 at 600 V rated value 0 A • af AC-3 at 600 V rated value 0 A • as at 600 V rated value 0 A • as at 600 V rated value 0 A • as at 600 V rated value 0 A • as at 600 V rated value 0 A • as at 600 V rated value 0 A • as at 600 V rated value 0 A • as at 600 V rated value 0 A		
• at AC23 A at 420 V rated value 20 A operating power • at AC23 A at 240 V rated value 5 KW • at AC23 A at 420 V rated value 10 KW • at AC23 A at 440 V rated value 10 KW • at AC23 A at 420 V rated value 10 KW • at AC23 A at 240 V rated value 10 KW • at AC23 A at 420 V rated value 4 KW • at AC23 At 420 V rated value 8 KW • at AC23 At 420 V rated value 7.5 KW Auxiliary carciat 0 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 operating value of auxiliary contacts 1 operating value of auxiliary contacts 1 operating value of the auxiliary contacts 10 V stability 500 V suitability for use • main switch • main switch Yes • main switch Yes • product dature can be locked into OFF position Yes • collage trigger No • atdrey switch 0 • main switch Yes product dature can be locked locks into OFF position Yes • atdrey switch Yes • atdrey switch 0 • main switch 0 •		
operating power at AC-23 A at 240 V rated value bt AC-23 A at 400 V rated value ch AC-23 A at 500 V rated value ch AC-3 at 500 V rated value fold value contacts for auxiliary contacts		
• at AC-23 A at 400 V rated value 5 kW • at AC-23 A at 400 V rated value 10 kW • at AC-23 A at 400 V rated value 9.5 kW • at AC-3 at 400 V rated value 4 kW • at AC-3 at 400 V rated value 7.5 kW • at AC-3 at 400 V rated value 7.5 kW Auxiliary circuit 0 number of Contacts for auxiliary contacts 1 operating voltage of auxiliary contacts 10 kW sultability for use 500 V • main switch Yes • sultability for use Ves • main switch Yes • addity switch Yes • order details No • order details No • order details No • more drive No • ovoltage inger No • ovoltage inger No • ovoltage inger No • nord drive No • ovoltage inger No <td></td> <td></td>		
• at AC-23 A at 40 V rated value 9.5 kW • at AC-23 at 400 V rated value 4 kW • at AC-3 at 400 V rated value 8 kW • at AC-3 at 400 V rated value 8 kW • at AC-3 at 400 V rated value 7.5 kW Auxiliary circuit 0 number of CO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operating value of auxiliary contacts 1 operating value of auxiliary contacts at AC maximum 500 V contacts for auxiliary contacts 10 A operating value of auxiliary contacts at AC maximum 500 V contacts for auxiliary contacts 10 A suitability for use 90 V • main switch Yes • suitability for use Yes • contact for auxiliary contacts for auxiliary contacts 10 A • maintenance/repair switch Yes Product feature can be locked into OFF position Yes product feature can be locked into OFF position Yes occessories No product feature can be locked into OFF position Yes occessories No number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable NC contacts for auxilia		5 kW
• at AC-23 A at 690 V rated value 10 kW • at AC-3 at 200 V rated value 4 kW • at AC-3 at 690 V rated value 8 kW • at AC-3 at 690 V rated value 7.5 kW Auxiliary contacts for auxiliary contacts 1 number of Co contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 operating voltage of auxiliary contact ated value 500 V contanuous contracts for auxiliary contact ated value 500 V subtability for use 10 A • main switch Yes • switch disconnector Yes • switch disconnector Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • routor drive No • voltage frigger So KA • atachaba maximum 3 • atachabale maximum 3 <tr< td=""><td></td><td>10 kW</td></tr<>		10 kW
 et AC-3 at 240 V rated value T, 5 kW Auxiliary cloaded for auxiliary contacts number of NC contacts for auxiliary contact rated value number of NC contacts for auxiliary contact rated value number of NC contacts for auxiliary contact rated value number of NC contacts for auxiliary contacts et all soutch Yes Suitability for use number of Sectement of the soutiliary soutch Yes EMERCENCY OF switch Soutor feature can be locked into OFF position Yes Soutor feature can be locked into OFF position Yes stachable maximum motor drive wolage trigger No No	 at AC-23 A at 440 V rated value 	9.5 kW
• at AC-3 at 400 V rated value 8 KW • at AC-3 at 690 V rated value 7.5 kW Auxiliary circuit 0 number of C0 contacts for auxiliary contacts 1 number of N0 contacts for auxiliary contacts 1 operating voltage of auxiliary contacts at AC maximum 500 V operating voltage of auxiliary contact rated value 10 A insultation voltage of the auxiliary contact rated value 500 V suitability for use Yes • main switch Yes • switch fidsconnector Yes • switch fidsconnector Yes • asife yswitch Yes • maint feature can be locked into OFF position Yes product databile No • ontor drive No • voltage trigger No • number of NC contacts for auxiliary contacts 0 attachable maximum 0 • under drive No • voltage trigger No • voltage trigger No • under drive 0 • attachable maximum 3 • attachable maximum 3 • attachable maximum 3 • attachable maximum 35 NA • attachable maximum 35 NA • attaco V for combi		
• at AC-3 at 680 V rated value 7.5 kW Auxiliary circuit 0 number of NC contacts for auxiliary contacts 1 operating voltage of auxiliary contact rated value 500 V Suitability 500 V suitability for use - - main switch Yes - which disconnector Yes - safety switch Yes - mode can be locked into OFF position Yes Product details No product extension optional No - mother of two enation No - woltage trigger No - mother of two enation 0 - mother of two enations optional 0 - mother of two enations optional 0 - attachable maximum 3 - attachable ma	 at AC-3 at 240 V rated value 	4 kW
Auxiliary circuit 0 number of CC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 operating voltage of auxiliary contact rated value 500 V continuous current of the auxiliary contact rated value 500 V suitability for use 10 A main switch Yes • switch disconnector Yes • switch disconnector Yes • switch disconnector Yes • switch disconnector Yes • main switch Yes • switch disconnector Yes • roduct details product extension optional • maintenance/repair switch Yes product extension optional No • muther of NC contacts for auxiliary contacts 0 attachable maximum No number of vice No • motor drive No • ontor drive No • maximum 0 attachable maximum 3 hasp thickness of the bracket locks 4 8 mm Short circuit	 at AC-3 at 400 V rated value 	8 kW
number of CO contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 1 operating voltage of auxiliary contacts at AC maximum 500 V continuous contract fits auxiliary contact at Value 500 V insulation voltage of auxiliary contact at Value 500 V suitability 500 V suitability <t< td=""><td> at AC-3 at 690 V rated value </td><td>7.5 kW</td></t<>	 at AC-3 at 690 V rated value 	7.5 kW
number of CO contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 1 operating voltage of auxiliary contacts at AC maximum 500 V continuous contract fits auxiliary contact at Value 500 V insulation voltage of auxiliary contact at Value 500 V suitability 500 V suitability <t< td=""><td>Auxiliary circuit</td><td></td></t<>	Auxiliary circuit	
number of NC contacts for auxiliary contacts1number of NO contacts for auxiliary contacts10continuous current of the auxiliary contact rated value500 Vsultability004sultability of use004• main switchYes• switch disconnectorYes• EMERCENCY OFF switchNo• safety switchYes• real switch disconnectorYes• EMERCENCY OFF switchNo• safety switchYes• real switch disconnectorYes• reduct feature can be locked into OFF positionYes• reduct feature can be locked into OFF positionYes• reduct feature can be locked into OFF positionYes• reduct feature can be locked into AFF positionYes• reduct feature		0
number of NQ contacts for auxiliary contacts 1 operating voltage of auxiliary contacts at AC maximum 500 V continuous current of the auxiliary switch rated value 500 V Suitability 500 V Suitability for use 90 V • switch disconnector Yes • switch disconnector Yes • switch disconnector Yes • as witch disconnector Yes • main samuth Yes • main samuth Yes • mator drive No • voltage trigger No • uotor drive No • attachable maximum <td>-</td> <td></td>	-	
operating voltage of auxiliary contacts at AC maximum 500 V continuous current of the auxiliary contact rated value 10 A insulation voltage of the auxiliary switch rated value 500 V Suitability 500 V suitability for use 90 A • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • roduct datability Yes product feature can be locked into OFF position Yes accessories Image: Connectable NC contacts for auxiliary contacts attachable maximum No number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 nabat hicknews of the bracket locks	-	
continuous current of the auxiliary sontact rated value 10 A insulation voltage of the auxiliary switch rated value 500 V suitability for use • • main switch Yes • switch disconnector Yes • switch disconnector Yes • a switch disconnector Yes • a switch disconnector Yes • a switch disconnector Yes • roduct details Yes product details Yes product details Ves ccessories • product extension optional • • notor drive No • voltage trigger No number of connectable NC contacts for auxiliary contacts 0 attachable maximum 1 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable NC contacts for auxiliary contacts 0 attachable maximum		
insulation voltage of the auxiliary switch rated value 500 V Suitability Ves switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Product details Product feature can be locked into OFF position recessories Image: Comparison of the auxiliary contacts accessories No • motor drive No • woltage trigger No • under of connectable NC contacts for auxiliary contacts 0 attachable maximum No number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of bracket locks maximum 3 number of bracket locks 4 • at 600 V by G fuse rated value 50 kA Ielt-through current with losed 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 4 kA2.s • at 440 V for combination switch + gG fuse maximum 4 kA2.s • at 440 V for combination switch + gG fuse maximum <td></td> <td></td>		
Suitability Yes • nain switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • address witch Yes • maintenance/repair switch Yes Product details product feature can be locked into OFF position product details Yes product feature can be locked into OFF position Yes accessories No product extension optional No • wotage trigger No number of connectable NC contacts for auxiliary contacts attachable maximum 0 number of connectable CO contacts for auxiliary contacts attachable maximum 0 number of connectable CO contacts for auxiliary contacts attachable maximum 3 number of connectable CO contacts for auxiliary contacts attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 hasp thickness of the bracket locks 4 e at 690 V by gG fuse rated value 50 kA letthrough current with losed switch	-	
suitability for use intain switch i with disconnector i with disconnector i with disconnector i with disconnector i with i with wes i wateriansnechrepair switch i wes i wateriansnechrepair sw		
 ewitch disconnector EMERGENCY OFF switch enaintenance/repair switch Yes raintenance/repair switch Yes Product details product feature can be locked into OFF position Yes Cccessories product extension optional notor drive No voltage trigger No number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum attachable maximum attachable maximum attachable maximum attachable cock and the bracket locks 8 mm Short circuit conditional short-circuit current with line-side fuse protection at 400 V for combination switch + gG fuse maximum at 400 V for combination switch + gG fuse maximum at 400 V for combination switch + gG fuse maximum at 400 V for combination switch + gG fuse maximum at 400 V for combination switch + gG fuse maximum at 400 V for combination switch + gG fuse maximum at 400 V for combination switch + gG fuse maximum at 400 V for combination switch + gG fuse maximum at 400 V for combination switch + gG fuse maximum		Yes
• EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes Product details product feature can be locked into OFF position Yes accessories product extension optional No • motor drive No • ondor drive No • onnumber of connectable NC contacts for auxiliary contacts attachable maximum 0 • number of connectable CO contacts for auxiliary contacts attachable maximum 0 • number of bracket locks maximum 3 • hasp thickness of the bracket locks 4 8 mm Short circuit 50 kA let-through current with line-side fuse protection 4 kA et als 0V by of fuse rated value 50 kA et 440 V for combination switch + gG fuse maximum permissible 3.5 kA 12 Value with closed switch 4 kA2.s		
• safety switch Yes • maintenance/repair switch Yes Product details product detainc can be locked into OFF position Yes accessories accessories product extension optional No • motor drive No • oldage trigger No number of connectable NC contacts for auxiliary contacts 0 attachable maximum 0 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 0 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of tracket locks maximum 3 nasp thickness of the bracket locks 4 voltitional short-circuit current with line-side fuse protection 3.5 kA e at 690 V by gG fuse rated value 50 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 <td< td=""><td></td><td></td></td<>		
• maintenance/repair switch Yes Product details		
Product details product feature can be locked into OFF position Yes accessories product extension optional in motor drive No • woltage trigger No number of connectable NC contacts for auxiliary contacts 0 attachable maximum 0 number of connectable NO contacts for auxiliary contacts 0 attachable maximum 0 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 0 number of tracket locks maximum 3 hasp thickness of the bracket locks 4 8 mm Short circuit conditional short-circuit current with line-side fuse protection 50 kA et at 40 V for combination switch + gG fuse maximum permissible 3.5 kA et 440 V for combination switch + gG fuse maximum permissible 4 kA2.s lzt value with closed switch 4 kA2.s et at 400 V for combination switch + gG fuse maximum 4 kA2.s et at 400 V for comb		
product feature can be locked into OFF position Yes accessories product extension optional • motor drive No • voltage trigger No number of connectable NC contacts for auxiliary contacts attachable maximum 0 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 0 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 statachable maximum 3 nasp thickness of the bracket locks 4 8 mm Short circuit 50 kA let-through current with closed switch 4 8 mm • at 490 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 combinatio		
accessories product extension optional • motor drive No • voltage trigger No number of connectable NC contacts for auxiliary contacts 0 attachable maximum 0 number of connectable NO contacts for auxiliary contacts 0 attachable maximum 0 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of bracket locks maximum 3 hasp thickness of the bracket locks 4 8 mm Short circuit 50 kA et through current with losed switch 3.5 kA • at 240 V for combination switch + gG fuse maximum 3.5 kA • at 690 V for combination switch + gG fuse maximum 4 kA2.s • at 640 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 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 sw		Yes
product extension optional No • motor drive No • voltage frigger No number of connectable NC contacts for auxiliary contacts 0 attachable maximum 0 number of connectable NO contacts for auxiliary contacts 0 attachable maximum 0 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 3 number of bracket locks maximum 3 hasp thickness of the bracket locks 4 8 mm Short circuit 50 kA conditional short-circuit current with line-side fuse protection 50 kA • at 690 V by gG fuse rated value 50 kA • at 440 V for combination switch + gG fuse maximum 3.5 kA • at 690 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 240 V for combination switch + gG fuse maximum 4 kA2.s • at 340 V for combination switch + gG fuse maximum 4	· · ·	
motor drive voltage trigger No voltage trigger No number of connectable NC 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 number of bracket locks maximum attachable maximum number of bracket locks maximum attachable maximum conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 50 kA iet-through current with closed switch • at 240 V for combination switch + gG fuse maximum at 680 V for combination switch + gG fuse maximum at 680 V for combination switch + gG fuse maximum at 680 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 440 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 440 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 440 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 440 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 440 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 440 V for combination switch +		
• voltage triggerNonumber of connectable NC contacts for auxiliary contacts0attachable maximum0number of connectable NO contacts for auxiliary contacts0attachable maximum0number of connectable CO contacts for auxiliary contacts0attachable maximum3number of bracket locks maximum3hasp thickness of the bracket locks4 8 mmShort circuitconditional short-circuit current with line-side fuse protectionat 6800 V by gG fuse rated value50 kAlet-through current with closed switch50 kAet at 240 V for combination switch + gG fuse maximum3.5 kAat at 40 V for combination switch + gG fuse maximum3.5 kAet at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kAet at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.set at 240 V for combination switch + gG fuse maximum4 kA2.s <td></td> <td>No</td>		No
number of connectable NC contacts for auxiliary contacts 0 attachable maximum 0 number of connectable NO 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 3 hasp thickness of the bracket locks 4 8 mm Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 50 kA let-through current with closed switch 50 kA • at 440 V for combination switch + gG fuse maximum permissible 3.5 kA 12t value with closed switch 4 kA • at 490 V for combination switch + gG fuse maximum d kA 4 kA • at 440 V for combination switch + gG fuse maximum d kA 4 • at 440 V for combination switch + gG fuse maximum d kA 4 • at 490 V for combination switch + gG fuse maximum d kA2.s 4 • at 690 V for combination switch + gG fuse maximum d kA2.s 4 • at 690 V for combination switch + gG fuse maximum d kA2.s 5 • at 690 V for combination switch + gG fuse maximum d kA2.s 4		
attachable maximumattachable maximumnumber of connectable NO contacts for auxiliary contacts attachable maximum0number of connectable CO contacts for auxiliary contacts attachable maximum0number of bracket locks maximum3hasp thickness of the bracket locks4 8 mmShort circuitconditional short-circuit current with line-side fuse protection• at 690 V by gG fuse rated value50 kAlet-through current with cosed switch3.5 kA• at 440 V for combination switch + gG fuse maximum permissible3.5 kA12t value with closed switch4 kA2• at 690 V for combination switch + gG fuse maximum permissible4 kA2.s• at 440 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum a t 690 V for combination switch + gG fuse maximum 		
attachable maximum0number of connectable CO contacts for auxiliary contacts attachable maximum0number of bracket locks maximum3hasp thickness of the bracket locks4 8 mmShort circuitconditional short-circuit current with line-side fuse protection• at 690 V by gG fuse rated value50 kAlet-through current with closed switch3.5 kA• at 240 V for combination switch + gG fuse maximum3.5 kA• at 440 V for combination switch + gG fuse maximum3.5 kA• at 690 V for combination switch + gG fuse maximum3.5 kA• at 240 V for combination switch + gG fuse maximum3.5 kA• at 440 V for combination switch + gG fuse maximum4 kA• at 240 V for combination switch + gG fuse maximum4 kA• at 240 V for combination switch + gG fuse maximum4 kA• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 440 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• for short-circuit protection of the		
attachable maximum3number of bracket locks maximum3hasp thickness of the bracket locks4 8 mmShort circuit4 8 mmconditional short-circuit current with line-side fuse protection50 kAe at 690 V by gG fuse rated value50 kAlet-through current with closed switch50 kAe at 240 V for combination switch + gG fuse maximum3.5 kAe at 440 V for combination switch + gG fuse maximum3.5 kAe at 690 V for combination switch + gG fuse maximum4 kApermissible12t value with closed switche at 240 V for combination switch + gG fuse maximum4 kA2.se at 240 V for combination switch + gG fuse maximum4 kA2.se at 240 V for combination switch + gG fuse maximum4 kA2.se at 240 V for combination switch + gG fuse maximum4 kA2.se at 240 V for combination switch + gG fuse maximum4 kA2.se at 690 V for combination switch + gG fuse maximum4 kA2.se at 690 V for combination switch + gG fuse maximum4 kA2.se at 690 V for combination switch + gG fuse maximum4 kA2.se at 690 V for combination switch + gG fuse maximum4 kA2.se at 690 V for combination switch + gG fuse maximum4 kA2.sfuse gL/gG: 25 Afuse gL/gG: 10 Arequiredfuse gL/gG: 10 A		0
hasp thickness of the bracket locks4 8 mmShort circuitconditional short-circuit current with line-side fuse protection50 kA• at 690 V by gG fuse rated value50 kAlet-through current with closed switch3.5 kA• at 240 V for combination switch + gG fuse maximum permissible3.5 kA12t value with closed switch4 kA• at 240 V for combination switch + gG fuse maximum permissible4 kA2.s12t value with closed switch4 kA2.s• at 440 V for combination switch + gG fuse maximum permissible4 kA2.sI2t value with closed switch4 kA2.s• at 690 V for combination switch + gG fuse maximum permissible4 kA2.sI2t value with closed switch50 ks maximum for short-circuit protection of the main circuit required• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 A		0
Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 50 kA let-through current with closed switch 50 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 • at 690 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 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 • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A	attachable maximum	
conditional short-circuit current with line-side fuse protection50 kA• at 690 V by gG fuse rated value50 kAlet-through current with closed switch3.5 kA• at 240 V for combination switch + gG fuse maximum3.5 kA• at 440 V for combination switch + gG fuse maximum3.5 kA• at 690 V for combination switch + gG fuse maximum4 kApermissible12t value with closed switch• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 440 V for combination switch + gG fuse maximum4 kA2.s• at 440 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• for short-circuit protection of the main circuitfuse gL/gG: 25 Arequired• for short-circuit protection of the auxiliary switchfuse gL/gG: 10 A		3
protectionSo kAeat 690 V by gG fuse rated value50 kAlet-through current with closed switch	number of bracket locks maximum	
• at 690 V by gG fuse rated value50 kAlet-through current with closed switch3.5 kA• at 240 V for combination switch + gG fuse maximum3.5 kA• at 440 V for combination switch + gG fuse maximum3.5 kA• at 690 V for combination switch + gG fuse maximum4 kA• at 690 V for combination switch + gG fuse maximum4 kA• at 240 V for combination switch + gG fuse maximum4 kA• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 440 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• for short-circuit protection of the main circuit requiredfuse gL/gG: 25 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 A	number of bracket locks maximum hasp thickness of the bracket locks	
let-through current with closed switch3.5 kA• at 240 V for combination switch + gG fuse maximum3.5 kA• at 440 V for combination switch + gG fuse maximum3.5 kA• at 690 V for combination switch + gG fuse maximum4 kApermissible4 kA12t value with closed switch4 kA2.s• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 440 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• for short-circuit protection of the main circuit requiredfuse gL/gG: 25 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 A	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse	
at 240 V for combination switch + gG fuse maximum3.5 kAat 440 V for combination switch + gG fuse maximum3.5 kAat 690 V for combination switch + gG fuse maximum4 kApermissible4 kA12t value with closed switch4 kA2.sat 440 V for combination switch + gG fuse maximum4 kA2.sat 440 V for combination switch + gG fuse maximum4 kA2.sat 440 V for combination switch + gG fuse maximum4 kA2.sat 690 V for combination switch + gG fuse maximum4 kA2.sat 690 V for combination switch + gG fuse maximum4 kA2.sat 690 V for combination switch + gG fuse maximum4 kA2.sat 690 V for combination switch + gG fuse maximum4 kA2.sbesign of the fuse link5 for short-circuit protection of the main circuitfor short-circuit protection of the main circuitfuse gL/gG: 25 Afor short-circuit protection of the auxiliary switchfuse gL/gG: 10 A	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection	4 8 mm
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible 12t value with closed switch 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 b at 690 V for combination switch + gG fuse maximum b at 690 V for combination switch + gG fuse maximum c for short-circuit protection of the main circuit required b for short-circuit protection of the auxiliary switch required c for short-circuit protection of the auxiliary switch required c for short-circuit protection of the auxiliary switch required c for short-circuit protection of the auxiliary switch required c for short-circuit protection of the auxiliary switch required c fuse gL/gG: 10 A 	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value	4 8 mm
 at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch at 240 V for combination switch + gG fuse maximum at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 490 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch	4 8 mm 50 kA
permissibleI2t value with closed switchI2t value with closed switchG fuse maximumat 240 V for combination switch + gG fuse maximum4 kA2.sat 440 V for combination switch + gG fuse maximum4 kA2.sat 690 V for combination switch + gG fuse maximum4 kA2.sdesign of the fuse link	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum	4 8 mm 50 kA 3.5 kA
I2t value with closed switchI2t value with closed switch• at 240 V for combination switch + gG fuse maximum4 kA2.s• at 440 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• at 690 V for combination switch + gG fuse maximum4 kA2.s• for short-circuit protection of the main circuit requiredfuse gL/gG: 25 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 A	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	4 8 mm 50 kA 3.5 kA 3.5 kA
 at 240 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 design of the fuse link for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A 	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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	4 8 mm 50 kA 3.5 kA 3.5 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum design of the fuse link for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required 	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 permissible	4 8 mm 50 kA 3.5 kA 3.5 kA
 at 690 V for combination switch + gG fuse maximum design of the fuse link for short-circuit protection of the main circuit for short-circuit protection of the auxiliary switch for short-circuit protection of the auxiliary switch fuse gL/gG: 10 A 	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 permissible I2t value with closed switch	4 8 mm 50 kA 3.5 kA 3.5 kA 4 kA
design of the fuse link • for short-circuit protection of the main circuit fuse gL/gG: 25 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum	4 8 mm 50 kA 3.5 kA 3.5 kA 4 kA
 for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required fuse gL/gG: 25 A fuse gL/gG: 10 A 	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	4 8 mm 50 kA 3.5 kA 3.5 kA 4 kA 4 kA
• for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 permissible I2t value with closed switch • 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 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	4 8 mm 50 kA 3.5 kA 3.5 kA 4 kA 4 kA
·	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum o at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination sw	4 8 mm 50 kA 3.5 kA 3.5 kA 4 kA 2.s 4 kA2.s 4 kA2.s
	number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 permissible I2t value with closed switch • 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 sw	4 8 mm 50 kA 3.5 kA 3.5 kA 4 kA2.s 4 kA2.s 4 kA2.s 1 kA2.s 1 kA2.s 1 kA2.s 1 kA2.s 1 kA2.s

according UL	
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
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	8
• minimum	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (1,516mm ²)
 finely stranded with core end processing 	1x (1,510mm ²)
• stranded	1x (1,516mm²)
type of connectable conductor cross-sections for auxiliary	
contacts	0 (0.75
solid	2x (0.75 2.5 mm ²), 1x 4 mm ²
 finely stranded with core end processing 	2x (0.75 1.5 mm ²), 1x 2.5 mm ²
• stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	hey terminal
for main current circuit	box terminal
 for auxiliary contacts 	connection terminals
Mechanical Design	
height	84 mm
height width	67 mm
height width depth	
height width depth type of device	67 mm 116.5 mm fixed mounting
height width depth type of device fastening method	67 mm 116.5 mm
height width depth type of device fastening method fastening method	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version
height width depth type of device fastening method fastening method • 4-hole front mounting	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes
height width depth type of device fastening method fastening method • 4-hole front mounting	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No 262 g
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No 262 g -25 °C
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No 262 g -25 °C
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum ambient temperature during storage	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No 262 g -25 °C 55 °C
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No 262 g -25 °C 55 °C -25 °C
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum • maximum	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No 262 g -25 °C 55 °C -25 °C
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum • maximum	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No 262 g -25 °C 55 °C -25 °C 55 °C
height width depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum ambient temperature during storage • minimum • maximum General Product Approval	67 mm 116.5 mm fixed mounting Built-in unit fixed-mounted version No Yes No 262 g -25 °C 55 °C -25 °C 55 °C







Special Test Certificate





Marine / Shipping



Miscellaneous

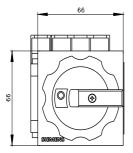
other

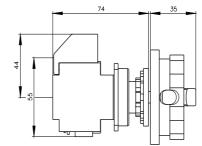
Environmental Confirmations

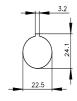
Further information

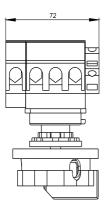
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2154-2EP51 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2154-2EP51 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2154-2EP51 CAx-Online-Generator http://www.siemens.com/cax Tender specifications

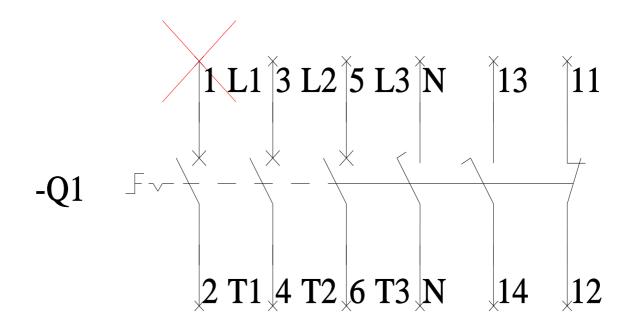
http://www.siemens.com/specifications



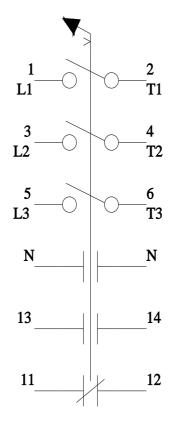








-CI



3LD21542EP51 Page 5/6