SIEMENS

Data sheet

3LD3140-1TL11



Load disconnector 3LD3, lu 25 A Main switch 3-pole + N Rated operating capacity at AC-23 A at 400V 9.0kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive black 48x48 mm with auxiliary switch 10E + 1S

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	
design of the actuating element	selector switch	
design of handle	knob-operated mechanism, black	
type of the driving mechanism / motor drive	No	
General technical data		
number of poles	4	
number of poles / note	4	
type of device	fixed mounting	
type of switch	Floor mounting with door coupling	
mechanical service life (switching cycles) / typical	100 000	
electrical endurance (switching cycles)		
• at AC-23 A / at 690 V	6 000	
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	4 kA2.s	
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	4 kA2.s	
operating frequency / maximum	50 1/h	
Voltage		
insulation voltage / rated value	690 V	
surge voltage resistance / rated value	6 kV	
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	
 per conductor / typical 	1 W	
Current		
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	

A AC / rated value A AC / rated value		
	 at AC / rated value 	25 A
• et AC-21 Ar at 240 V / rated value 25 Å operational current / of upsteam lase / rated value 26 Å i et Hough Current / with closed switch 26 Å • et 44 QV / for combinition switch + gG fuse / 3.5 kÅ maximum • at 600 V / for combinition switch + gG fuse / 4 kÅ Main circuit • et 400 V / rated value 4 kÅ operational current / with closed switch • et 400 V / rated value 4 kW • et AC-23 Ar at 240 V / rated value 4 kW • et AC-23 Ar at 240 V / rated value • et AC-23 Ar at 240 V / rated value 9 kW • et AC-23 Ar at 240 V / rated value • et AC-23 Ar at 240 V / rated value 9 kW • et AC-32 Ar at 240 V / rated value • et AC-32 Ar at 240 V / rated value 8 kW • et AC-37 at 480 V / rated value • et AC-32 Ar at 240 V / rated value 25 Å Auxiliary carcuit 9 kW • et AC-37 at 480 V / rated value • et AC-37 at 480 V / rated value 10 kW • et AC-37 at 480 V / rated value 25 Å Auxiliary carcuit 9 kW • et AC-37 at 480 V / rated value 10 k • et AC-37 at 480 V / rated value 10 A • runber of CO contects / for auxiliary contacts 1 • runber of CO contects / for auxiliary contacts 1 • runber of CO contects / for auxilia	 at AC-23 A / at 400 V / rated value 	20 A
• et AC-21 Ar fat 4d0 V / freed value 25 A operational current / off closed switch 25 A • et A40 V / for combination switch + gG bas / maximum 3.5 kA • at 800 V / for combination switch + gG bas / maximum 3.5 kA • at 800 V / for combination switch + gG bas / maximum 4 kA • at 800 V / for combination switch + gG bas / maximum 4 kA • at AC-23 Ar / at 800 V / for do value 4 kW • at AC-23 Ar / at 800 V / rated value 4 kW • at AC-23 Ar / at 800 V / rated value 9 kW • at AC-3 Ar / at 800 V / rated value 9 kW • at AC-3 / at 460 V / rated value 9 kW • at AC-3 / at 460 V / rated value 25 A AuxCard at 60 V / rated value 25 A AuxCard at 60 V / rated value 25 A AuxCard at 60 V / rated value 25 A AuxLard x at 60 V / rated value 25 A AuxLard x at 60 V / rated value 25 A AuxLard x at 60 V / rated value 25 A AuxLard x at 60 V / rated value 25 A AuxLard x 1 at 60 V / rated value 1 rumber of Co contacts/ for auxLingy contact / at 60 / runaximu 1	 at AC-21 / at 690 V / rated value 	25 A
generational current / of upstream tise / rated value 25 A left-through current / with closed switch 25 A left-through current / with closed switch 3.5 kA maximum permissible 3.5 kA maximum permissible 4 kA operating power 4 kA operating power 4 kA operating power 4 kA operating power 4 kW of at AC23 A / at 240 V / rated value 4 kW of at AC23 A / at 240 V / rated value 9 kW of at AC23 A / at 240 V / rated value 9 kW of at AC23 A / at 240 V / rated value 9 kW of at AC23 a / at 240 V / rated value 8 kW of at AC23 a / at 240 V / rated value 7.5 kW operational current / rated value 25 A Auxiliary catcuit 7.5 kW operating value/ circuit 7.5 kW operating value/ circuit 7.5 kW operating value/ circuit 1 operating value/ circuit 10 A insubilitor value/ circuit 10 A insubilitor value/ circuit 10 A suba	 at AC-21 A / at 240 V / rated value 	25 A
Iethrough current / with closed switch 35 kA et d89 V/ for combination switch + gG fuse / maximum 35 kA maximum, permissible ort advoct / for combination switch + gG fuse / maximum, permissible 4 kA Main circuit operating power et at AC23 A / at 240 V / rated value et at AC23 A / at 440 V / rated value et at AC23 A / at 440 V / rated value et at AC23 A / at 400 V / rated value et at AC23 A / at 400 V / rated value et at AC23 A / at 400 V / rated value et at AC23 A / at 400 V / rated value et at AC23 A / at 400 V / rated value et at AC23 A / at 400 V / rated value et at AC23 / at 400 V / rated value et at AC23 / at 400 V / rated value at AC23 / at 400 V / rated value et at AC33 / at 400 V / rated value at AC34 / D / at AC34 / at 400 V / rated value at AC3	 at AC-21 A / at 440 V / rated value 	25 A
	operational current / of upstream fuse / rated value	25 A
maximum easily / / proceedings switch + gG fuse / maximum permissible Admin Criccul operating power 4 kA eat AC-29 A / at 400 / rated value 4 kW eat AC-29 A / at 400 / rated value 1 kW eat AC-29 A / at 400 / rated value 9 kW eat AC-29 A / at 400 / rated value 9 kW eat AC-39 / at 400 / rated value 9 kW eat AC-39 / at 400 / rated value 9 kW eat AC-37 at 260 / rated value 8 kW eat AC-37 at 260 / rated value 25 A Auxiliary circuit 0 number of CO contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating value / of auxiliary contacts 10 A continuous current / of the auxiliary contacts 10 A issubtion voltage / of the auxiliary contacts 10 A issubtion voltage / of the auxiliary contacts 10 A issubtion voltage / of the auxiliary contacts 10 A issubtin voltage / of the auxi	let-through current / with closed switch	
• at 500 V / for combination switch + gG luse / maximum permissible 4 kA Main circuit • at AC-23 A / at 240 V / rated value 4 kW • at AC-23 A / at 240 V / rated value 10 kW • at AC-23 A / at 240 V / rated value 9 kW • at AC-23 A / at 240 V / rated value 9 kW • at AC-23 A / at 240 V / rated value 9 kW • at AC-37 at 240 V / rated value 9 kW • at AC-37 at 240 V / rated value 9 kW • at AC-37 at 240 V / rated value 25 A operation al current / rated value 25 A Auxiliary circuit 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of the auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of the auxiliary contacts 1 number of NC contacts / for auxiliary contacts 10 A continuous current / of the auxiliary contacts 10 A sutability for use • • main switch Yes • sutability for use 10 A • main switch Yes • page informe Yes • cold / of the acklarge witch Yes • at dev 1/by rg fo luse / at ack Yes <tr< td=""><td> at 440 V / for combination switch + gG fuse / </td><td>3.5 kA</td></tr<>	 at 440 V / for combination switch + gG fuse / 	3.5 kA
maximum permissible Viano Circuit e at AC-32 Ar / at 240 V / rated value 4 KW e at AC-32 Ar / at 400 V / rated value 10 kW e at AC-32 Ar / at 400 V / rated value 9 kW e at AC-32 Ar / at 400 V / rated value 9 kW e at AC-32 Ar / at 400 V / rated value 9 kW e at AC-37 at 240 V / rated value 9 kW e at AC-37 at 240 V / rated value 25 A Availary decide value 26 A Subbility for use 4 RW • main switch Yes • switch bisconnector Yes • switc	maximum	
Main circuit operating power • al AC-23 A / al 40 V / rated value 4 kW • al AC-23 A / al 40 V / rated value 10 kW • al AC-23 A / al 40 V / rated value 9 kW • al AC-23 A / al 40 V / rated value 9 kW • al AC-31 al 40 V / rated value 9 kW • al AC-31 al 40 V / rated value 9 kW • al AC-31 al 40 V / rated value 8 kW • al AC-31 al 40 V / rated value 75 kW • perational current / rated value 25 A Auxiliary circuit 0 rumber of CO contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating allower for auxiliary contacts 1 operating allower for auxiliary contacts 1 outnet of NC contacts / for auxiliary contacts 1 0 outnet of NC contacts / for auxiliary contacts 1 0 continuous current / of the auxiliary switch / rated value 500 V 500 V suitability for use 9 9 • main switch Yes 9 9 • safety switch Yes 9 9 • asafety switch Yes 9 9 • auxiliary contact / rated value 10 kA 10 <t< td=""><td></td><td>4 kA</td></t<>		4 kA
operating power 4 • at AC-23 A / at 40 V / rated value 4 • at AC-23 A / at 40 V / rated value 10 kW • at AC-23 A / at 40 V / rated value 9 kW • at AC-23 A / at 40 V / rated value 9 kW • at AC-23 A / at 40 V / rated value 9 kW • at AC-3 / at 40 V / rated value 9 kW • at AC-3 / at 680 V / rated value 25 A Auxiliary circuit 25 A number of C0 contacts / for auxiliary contacts 1 number of C0 contacts / for auxiliary contacts 1 number of C0 contacts / for auxiliary contacts 10 A insultation voltage / of auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contacts 10 A insultation voltage / of the auxiliary contact 10 A inatter power 10		
• al AC-23 A / at 400 V / rated value 4 kW • al AC-23 A / at 400 V / rated value 9 kW • al AC-23 A / at 400 V / rated value 9 kW • al AC-23 / al 240 V / rated value 9 kW • al AC-23 / al 240 V / rated value 8 kW • al AC-3 / al 240 V / rated value 8 kW • al AC-3 / al 400 V / rated value 8 kW • al AC-3 / al 400 V / rated value 75 kW operational current / rated value 25 A Auxiliary circuit 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of auxiliary contact / rated value 500 V continuous current / of the auxiliary contact / rated value 500 V solutability 500 V solutability 500 V solutability 500 V solutability 500 V Sultability 500 V solutability 500 V	Main circuit	
• at AC-23 A / at 400 V / rated value 10 kW • at AC-23 A / at 400 V / rated value 9 kW • at AC-3 / at 260 V / rated value 4 kW • at AC-3 / at 260 V / rated value 4 kW • at AC-3 / at 260 V / rated value 4 kW • at AC-3 / at 260 V / rated value 25 A Avxiliary circuit 7.5 kW rumber of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC/ maximum 500 V continuous contert / for auxiliary contacts / at AC/ maximum 10 A insulation voltage / of the auxiliary contact / at and value 500 V Suitability switch fisconnector Yes • switch disconnector Yes • suitability for use Yes • and rescular provide / of the auxiliary contact / rescular provide / at an	operating power	
	 at AC-23 A / at 240 V / rated value 	4 kW
• at AC-32 A / at 650 V / rated value 9 kW • at AC-3 / at 240 V / rated value 4 kW • at AC-3 / at 600 V / rated value 7.5 kW • operational current / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit 0 number of CO contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 continuus current / of the auxiliary contacts 1 continuus current / of the auxiliary contacts / rated value 500 V continuus current / of the auxiliary contacts / rated value 500 V suitability 500 V suitability for use Yes • main switch Yes • switch disconnector Yes • main switch Yes • aafety switch Yes • aafety switch Yes • aafety switch Yes number of bracket locks / maximum 2 number of bracket locks / maximum 6 mm spearance 6 mb locked into CFP position Product deature 7 deas locked into CFP position	 at AC-23 A / at 400 V / rated value 	10 kW
• at AC-3 / at 240 V / rated value 4 kW • at AC-3 / rated value 8 kW • at AC-3 / rated value 8 kW operational current / rated value 25 A Auxiliary circuit 0 number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 operating voltage / of the auxiliary contacts 1 continuous current / of the auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary contact / rated value 500 V Suitability 500 V suitability for use 00 A • nain switch Yes • safety switch Yes • safety switch Yes • can be locked into OFF position Yes rundber of bracket locks / maximum 6 mm hasp thickness / of the bracket locks / maximum 6 mm sporediag product feature Can be locked in zero position product feature 0 kA Product feature 6 kA Stort circuit	 at AC-23 A / at 440 V / rated value 	9 kW
• at AC-3 / at 400 V / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit 0 number of CQ contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 continuous current / of the auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 500 V Suitability 500 V suitability for use • • main switch Yes • switch disconnector Yes • suitability for use • • switch disconnector Yes • safety switch Yes • safety switch Yes • cond relocked locks / maximum 2 number of bracket locks / maximum 2 • number of bracket locks / maximum 6 mm special product deature 6 mm • collage trigger No • collage trigger No • collage trigg	 at AC-23 A / at 690 V / rated value 	9 kW
• at AC-3 / at 690 V / rated value 7.5 kW operational current / rated value 25 A Avxiliary circuit 0 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of auxiliary contacts 10 A insulation voltage / of the auxiliary contact / rated value 500 V continuous current / of the auxiliary switch / rated value 500 V suitability for use • • main switch Yes • switch disconnector Yes • suitability for use • • maintenance/repair switch Yes • acan be locked into OFF position Yes • can be locked into OFF position Yes • number of bracket locks / maximum 2 • name of the bracket locks / maximum 6 mm hasp thickness / of the bracket locks / maximum 6 mm product feature Can be locked in zero position product feature Can be locked in zero position product feature No • voltage trigger No Short circuit	 at AC-3 / at 240 V / rated value 	4 kW
operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 1 number of NC contacts / for auxiliary contacts 1 1 operating voltage / of auxiliary contacts 1 0 continuous current / of the auxiliary contact / At AC / maximum 500 V 500 V Suitability 500 V 500 V 500 V Sui	 at AC-3 / at 400 V / rated value 	8 kW
Auxiliary circuit 0 number of CO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 1 contacts / for auxiliary contacts 1 insulation voltage / of the auxiliary contact / rated value 500 V continuous current / of the auxiliary contact / rated value 500 V Suitability 500 V suitability for use 0 • nain switch Yes • witch disconnector Yes • maintenance/repair switch Yes • naintenance/repair switch Yes • naintenance/repair switch Yes • name of bracket locks / maximum 2 • can be locked into OFF position Yes rumber of bracket locks / maximum 2 • ana be locked into OFF position Yes number of bracket locks / maximum 2 number of otheracket locks / maximum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position orditional short-circuit current / with line-side fuse No	• 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 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of the auxiliary contact / rated value 500 V insulator voltage / of the auxiliary contact / rated value 500 V suitability 748 suitability 748 color / of the actuating element black Product detains <td>operational current / rated value</td> <td>25 A</td>	operational current / rated value	25 A
number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of the auxiliary contact / rated value 500 V insulator voltage / of the auxiliary contact / rated value 500 V suitability 748 suitability 748 color / of the actuating element black Product detains <td>Auxiliary circuit</td> <td></td>	Auxiliary circuit	
number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / A C / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of auxiliary switch / rated value 500 V Suitability 500 V su		0
number of NO contacts / for auxillary contacts / at AC / maximum 500 V continuous current / of the auxillary contact / rated value 10 A insulation voltage / of the auxillary switch / rated value 500 V Suitability 5		
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 600 V • main switch Yes • switch disconnector Yes • switch disconnector Yes • main switch Yes • main switch Yes • safety switch Yes • main switch Yes • main switch Yes • main switch Yes • antipe of bracket locks / maximum black Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 6 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product setarison / optional No • ontor drive No • otal 400 V / by Gf use / rated value 6 kA acorditional short-circuit curre		
continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability source suitability for use • main switch • switch disconnector Yes • EMERGENCY OFF switch No • adety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element color / of the actuating element black Product details product feature or and b locked linko OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product setension / optional No • woltage trigger No Short circuit Can be locked in zero position orditional short-circuit current / with line-side fuse No sold adding trigger No Short circuit 25 A operating voltage / at AC / at coording to UL 508/UL 600 V operating voltage / at AC / at 600 Hz / according to UL 600 V obdit_60947.4-1 / rated value 10 active power (hp] / at AC / at 600 V		
insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch Yes • switch disconnector Yes • EMERCENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element product details product details product detature e can be locked into OFF position • namber of bracket locks / maximum 2 • hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product textension / optional No • woltage trigger No Short circuit Con be locked in zero position conditional short-circuit current / with line-side fuse protection 0 kA • at 440 V / by gG fuse / rated value 6 kA according UL 600 V operating voltage / rated value 6 kA according UL 600 V SoBVL_447-41 / rated value 600 V operating voltage / rat AC / at 50/60 Hz		
Suitability suitability for use • main switch • switch disconnector • SMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Yes • color / of the actuating element Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 1 hasp thickness / of the bracket locks / maximum special product feature • motor drive • otalge trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value • at 440 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value		
suitability for use Yes • main switch Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Appearance black Product feature black • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / minimum 6 mm special product feature Can be locked in zero position product extension / optional 6 mm special product feature Can be locked in zero position product extension / optional No • otdrive No • voltage trigger No Short circuit 10 kA conditional short-circuit current / with line-side fuse protection 6 kA according UL 25 A operating voltage / at AC / at 50/60 Hz / according to UL 25 A 038/7-4-1 / rated value 600 V operating voltage / at AC / at 50/01 Hz / according to UL 25 A 0508/UL 60947-4-1 / rated value 10 active power (hp) / at AC / at 600 V / according to UL 10		300 V
• main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element black Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product details No voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protection 10 kA • at 440 V / by gG fuse / rated value 6 kA according UL 600 V 09847.4-1 / rated value 600 V 09847.4-1 / rated value 600 V 05047.4-1 / rated value 10 active power (hpl / at AC / at 600 V / according to UL 500 V 05047.4-1 / rated value 10		
• switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes color / of the actuating element black Product details		N .
• EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element color / of the actuating element black Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product stension / optional number of bracket locks / maximum • motor drive No • voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protection 10 kA • at 640 V / by gG fuse / rated value 6 kA according UL Operational current / at AC / according to UL 508/UL 60847.4-1 / rated value operational current / at AC / according to UL 508/UL 600 V / according to UL 508/UL 600 V / according to UL 508/UL 60947.4-1 / rated value active power [hp] / at AC / at 600 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		
• safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element black Product details product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product stension / optional No • wold age trigger No 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 according UL Operational current / at AC / according to UL. oparating voltage / at AC / at 5060 Hz / according to UL. 25 A o00 V SoB/UL 60947-4-1 / rated value 600 V operating voltage / at AC / at 50760 Hz / according to UL. 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL 60947-4-1 / rated value <td></td> <td></td>		
maintenance/repair switch Yes Appearance color / of the actuating element black Product details product feature ocan be locked into OFF position research of the bracket locks / maximum asp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum for mm special product feature can be locked in zero position product extension / optional ondor drive voltage trigger No solutional short-circuit current / with line-side fuse protection et at 440 V / by gG fuse / rated value to KA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL four at AC / at 600 V / according to UL 508/UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC / at 600 V / according to UL four at AC		
Appearance color / of the actuating element black Product details product feature	-	
color / of the actuating element black Product details	· ·	Yes
Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum 6 mm special product feature product extension / optional • motor drive • ovoltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 0 perational current / at AC / according to UL 508/UL 25 A operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL active power [hp] / at AC / at 600 V / according to UL active power [hp] / at AC / at 600 V / according to UL active power [hp] / at AC / at 600 V / according to UL 10	Appearance	
product feature Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional • motor drive • woltage trigger No 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 according UL 25 A operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 10 cording to prover [hp] / at AC / at 600 V / according to UL 15	color / of the actuating element	black
• can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional • motor drive • woltage trigger No Short circuit Conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 10 kA • at 680 V / by gG fuse / rated value 6 kA according UL Operational current / at AC / according to UL 508/UL 60947-4-1 / rated value 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 600 V / according to UL 508/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 10 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 10	Product details	
number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional • motor drive • motor drive No • voltage trigger No 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 according UL Operational current / at AC / according to UL 508/UL 508/UL 60947-4-1 / rated value operationy voltage / at AC / at 50/60 Hz / according to UL 508/UL 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 600 V / according to UL 508/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 10 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 10	product feature	
hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protection 10 kA • at 440 V / by gG fuse / rated value 6 kA according UL 0 kA operating voltage / at AC / according to UL 508/UL 25 A 600 V 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 10 Solvul_ 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 10 Solvul_ 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 10	 can be locked into OFF position 	Yes
hasp thickness / of the bracket locks / maximum 6 mm special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No 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 according UL 25 A operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 10 solve power [hp] / at AC / at 600 V / according to UL 10 solve power [hp] / at AC / at 600 V / according to UL 15	number of bracket locks / maximum	2
special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No 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 according UL 25 A operational current / at AC / according to UL 508/UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 10 active power [hp] / at AC / at 600 V / according to UL 10 active power [hp] / at AC / at 600 V / according to UL 15	hasp thickness / of the bracket locks / minimum	4 mm
special product feature Can be locked in zero position product extension / optional No • motor drive No • voltage trigger No 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 according UL 25 A operational current / at AC / according to UL 508/UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 10 active power [hp] / at AC / at 600 V / according to UL 10 active power [hp] / at AC / at 600 V / according to UL 15		6 mm
product extension / optional No • motor drive No • voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protection 10 kA • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 0 operational current / at AC / according to UL 508/UL 25 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 480 V / according to UL 10 solve power [hp] / at AC / at 600 V / according to UL 15	•	
• motor driveNo• voltage triggerNoShort circuitNoconditional short-circuit current / with line-side fuse protection10 kA• at 440 V / by gG fuse / rated value10 kA• at 440 V / by gG fuse / rated value6 kAaccording UL6 kAoperational current / at AC / according to UL 508/UL 60947-4-1 / rated value25 Aoperating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value600 Vactive power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value10active power [hp] / at AC / at 600 V / according to UL15		
• voltage trigger No Short circuit		No
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 according UL 6 kA operational current / at AC / according to UL 508/UL 25 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 15		
conditional short-circuit current / with line-side fuse protection 10 kA • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 6 kA operational current / at AC / according to UL 508/UL 25 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 15		
protection 10 kA • at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 6 kA operational current / at AC / according to UL 508/UL 25 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 15		
• at 440 V / by gG fuse / rated value 10 kA • at 690 V / by gG fuse / rated value 6 kA according UL 6 kA operational current / at AC / according to UL 508/UL 25 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 15		
• at 690 V / by gG fuse / rated value 6 kA according UL 25 A operational current / at AC / according to UL 508/UL 25 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 15		10 kA
according UL operational current / at AC / according to UL 508/UL 25 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 15		
operational current / at AC / according to UL 508/UL 25 A 60947-4-1 / rated value 25 A operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 15	, 0	
60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 15		25.4
operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 15		20 A
508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 480 V / according to UL 10 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 15		600 V
508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 15		
508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 15	active power [hp] / at AC / at 480 V / according to UL	10
508/UL 60947-4-1 / rated value		15
	508/UL 60947-4-1 / rated value	

to UL 508/UL 60947-4-1 continuous current / of upstream fuse / according to UL / 50 rated value	kA 0 A 2K5
rated value rated value type of fuse / according to UL RI Number rumber of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 2 number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum 4	K5
Number number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 2 number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum 4	
Number number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 2 number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum 4	
/ attachable / maximum number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum	
/ attachable / maximum	
number of connectable CO contacts / for auxiliary contacts	
/ attachable / maximum	
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum 6	
• minimum 14	4
type of connectable conductor cross-sections / for copper conductor	
• solid 1>	x (2.5 to 16 mm²)
• finely stranded / with core end processing	x (2.516 mm²)
• stranded 1>	x (2.5 to 16 mm ²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid 2>	x (0.75 2.5 mm²), 1x 4 mm²
• finely stranded / with core end processing 2>	x (0.75 1.5 mm²), 1x 2.5 mm²
• stranded 2>	x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
	ox terminal
for auxiliary contacts Bo	lox terminals
Requirements	
design of the fuse link	
required	ise gL/gG: 25 A
required	use gL/gG: 10 A
Mechanical Design	
	0 mm
width 60	0 mm
	80 mm
5	uilt-in unit fixed-mounted version
fastening method	
4-hole front mounting	
	les .
	íes
	00 g
Environmental conditions	
ambient temperature / during operation	
	25 °C
	5 °C
	25 °C
General Product Approval	Declaration of Conformity

other

Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3140-1TL11 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3140-1TL11 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3140-1TL11 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications

0