SIEMENS

Data sheet 3LD2150-0TK11



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 25 A, Operating power / at AC-23 A at 400 V: 9.5 kW, front-mounted, knoboperated mechanism, black, central mounting 22.5 mm of the handle

product brand name design of the product design of the product display version / for switch position indicator manual operation type of switch design of the actuating element type of switch design of the actuating element design of the actuating element design of the actuating element type of switch design of handle knob-operated mechanism, black type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive a size of switch disconnector a size of switch disconnector a type of the driving mechanism / type and	Model		
design of the product display version / for switch position indicator manual operation type of switch design of the actuating element design of the actuating element selector switch color / of the actuating element black design of handle knob-operated mechanism, black type of switch design of handle knob-operated mechanism, black type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector gethedrical endurance (switching cycles) / typical electrical endurance (switching cycles) at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value operating voltage at AC / rated value operating requency / rated value operating frequency / rated value operating requency / rated value operating requency / rated value operating voltage at AC / rated value operating operating operating frequency / rated value operating state / per pole Curront operational current / rated value operational current / rated value operational current opera	product brand name	SENTRON	
display version / for switch position indicator manual operation type of switch design of the actuating element color / of the actuating element black design of handle type of the driving mechanism / motor drive No Ceneral technical data number of poles size of switch disconnector electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / 6 000 operating frequency / maximum for grequency / maximum for grequency / maximum for operating voltage insulation voltage / rated value operating voltage • at AC / rated value • minimum • maximum for Hz refer for the mounted front mounted front mounted selector switch black knob-operated mechanism, black No Ceneral technical data number of poles 3 size of switch disconnector 2 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) / 50 1/h degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value • minimum 50 Hz • maximum 50 Hz for tection class IP protection class IP for the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 "C / rated value 25 A	product designation	3LD Switch disconnector	
operation type of switch design of the actuating element color / of the actuating element design of handle type of the driving mechanism / motor drive General technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value • at AC / rated value • minimum • maximum 60 Hz Protection class protection class IP / on the front Dissipation power loss [IP] / or rated value of the current / at AC / in hot operating state / per pole Current • at 40 °C / rated value	design of the product	Main switch	
design of the actuating element black color / of the actuating element black color / of the actuating element black color / of the driving mechanism / motor drive No General technical data number of poles 3 size of switch disconnector 2 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / e at AC-23 A / at 690 V 6000 operating frequency / maximum 50 1 //h degree of pollution 3 Voltage insulation voltage / rated value 690 V operating voltage resistance / rated value 690 V operating voltage resistance / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operational current / rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value 25 A operational current / rated value 25 A		1 ON - 0 OFF	
color / of the actualing element design of handle type of the driving mechanism / motor drive No Ceneral technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value operating frequency / rated value • at AC / rated value • minimum on tanking frequency / rated value • minimum • maximum Frotection class IP degree of protection NEMA rating protection class IP / on the front Dissipation Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current • at 40 °C / rated value • at 40 °C / rated value 25 A operational current • at 40 °C / rated value 25 A	type of switch	front mounted	
design of handle knob-operated mechanism, black type of the driving mechanism / motor drive No General technical data number of poles 3 size of switch disconnector 2 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / maximum 50 tkV operating frequency / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 700 Hz operation class IP 1965 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front 1965 Dissipation 1, 3R, 4X, 12 protection class IP / on the front 1965 Dissipation 1 1.1 W operating state / per pole Current operational current / rated value of the current / at AC / in operational current / rated value 25 A	design of the actuating element	selector switch	
type of the driving mechanism / motor drive General technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum for the degree of pollution Voltage insulation voltage / rated value operating voltage resistance / rated value operating voltage resistance / rated value operating frequency / rated value operating voltage • at AC / rated value • minimum • maximum Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 25 A operational current • at 40 °C / rated value 25 A	color / of the actuating element	black	
number of poles size of switch disconnector pechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value operating voltage • at AC / rated value • minimum • maximum • maximum Frotection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current • at 40 °C / rated value • operational current / rated value 25 A operational current • at 40 °C / rated value • 25 A	design of handle	knob-operated mechanism, black	
number of poles size of switch disconnector pechanical service life (switching cycles) / typical electrical endurance (switching cycles) at AC-23 A / at 690 V operating frequency / maximum degree of pollution Voltage insulation voltage / rated value insulation voltage / rated value operating voltage at AC / rated value operating frequency / rated value insulation voltage / rated value operating frequency / rated value insulation voltage / rated value insulation voltage / rated value operation class IP protection class IP 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 Current operational current / rated value at 40 °C / rated value 25 A operational current at 40 °C / rated value 25 A	type of the driving mechanism / motor drive	No	
size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum foo 1/h degree of pollution voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value • minimum foo Hz Protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current • at 40 °C / rated value 25 A operational current / rated value 25 A operational current • at 40 °C / rated value 25 A	General technical data		
mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum • maximum Protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 25 A operational current • at 40 °C / rated value 25 A	number of poles	3	
electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 70 Voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • minimum • maximum 60 Hz Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 25 A operational current • at 40 °C / rated value 25 A	size of switch disconnector	2	
at AC-23 A / at 690 V operating frequency / maximum degree of pollution 70tage insulation voltage / rated value surge voltage resistance / rated value operating voltage at AC / rated value operating frequency / rated value operating frequency / rated value operating frequency / rated value ominimum ominimu	mechanical service life (switching cycles) / typical	100 000	
operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value surge voltage resistance / rated value operating yoltage • at AC / rated value • minimum • maximum on the surge of protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 25 A	electrical endurance (switching cycles)		
degree of pollution 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 IP 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 Current operational current / rated value 25 A operational current • at 40 °C / rated value 25 A	• at AC-23 A / at 690 V	6 000	
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 Current operational current / rated value • at 40 °C / rated value 25 A	operating frequency / maximum	50 1/h	
insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum 50 Hz • maximum Frotection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 690 V 6 kV 6 kV 690 V 6 kV 690 V 6 kV 690 V 10 Hz 690 V 10 Hz 690 V 10 Hz 690 V 10 Hz 60 Hz 11 HS 11 W 11 W 11 W 12 AC / in hot operating state / per pole Current 11 W 12 AC / in hot operating state / per pole Current 12 AC / in hot operational current / rated value 25 A 0 perational current / rated value 0 at 40 °C / rated value	degree of pollution	3	
surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum 50 Hz • maximum Frotection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 25 A	Voltage		
operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum 50 Hz 60 Hz Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 690 V 690	insulation voltage / rated value	690 V	
 at AC / rated value operating frequency / rated value minimum maximum fo Hz maximum fo Hz Protection class protection class IP degree of protection NEMA rating 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 Current operational current / rated value at 40 °C / rated value 25 A 25 A 25 A 26 A 26 A 26 A 27 A 28 A 28 A 29 A 29 A 20 A 20 A 20 A 21 A 22 A 25 A 26 A 26 A 27 A 28 A 29 A 29 A 20 A 20 A 21 A 22 A 25 A 26 A 26 A 27 A 28 A 29 A 29 A 20 A 20 A 20 A 21 A 22 A 23 A 24 A 25 A 26 A 26 A 27 A 28 A 29 A 29 A 20 A	surge voltage resistance / rated value	6 kV	
operating frequency / rated value	operating voltage		
	at AC / rated value	690 V	
 maximum Frotection class protection class IP degree of protection NEMA rating 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 Current operational current / rated value operational current ot at 40 °C / rated value 25 A 	operating frequency / rated value		
protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value IP65 1.1 W 1.1 W 25 A	• minimum	50 Hz	
protection class IP 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 Current operational current / rated value operational current • at 40 °C / rated value 1, 3R, 4X, 12 1, 3R, 4X, 12	• maximum	60 Hz	
degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 1, 3R, 4X, 12 1P65 1.1 W 1.1 W 25 A	Protection class		
protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current other at 40 °C / rated value 25 A	protection class IP	IP65	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 25 A	degree of protection NEMA rating	1, 3R, 4X, 12	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 25 A	protection class IP / on the front	IP65	
hot operating state / per pole Current operational current / rated value operational current operational current operational current 25 A 25 A	Dissipation		
operational current / rated value 25 A operational current • at 40 °C / rated value 25 A		1.1 W	
operational current • at 40 °C / rated value 25 A	Current		
• at 40 °C / rated value 25 A	operational current / rated value	25 A	
	operational current		
a at 45 °C / rated value	 at 40 °C / rated value 	25 A	
▼ at ₹5 O / Tated value 25 //	• at 45 °C / rated value	25 A	

at 50 °C / rated value	25 A
	25 A
at 55 °C / rated value at 6C / rated value	25 A
at AC / rated value Main circuit	25 A
Main circuit	
operational current	05.4
• at AC-21 / at 690 V / rated value	25 A
 at AC-21 A / at 240 V / rated value 	25 A
• at AC-21 A / at 400 V / rated value	25 A
• at AC-21 A / at 440 V / rated value	25 A
at AC-23 A / at 400 V / rated value	20 A
operating power	E MAI
• at AC-23 A / at 240 V / rated value	5 kW 10 kW
• at AC-23 A / at 400 V / rated value	
• at AC-23 A / at 440 V / rated value	9.5 kW
• at AC-23 A / at 690 V / rated value	10 kW
• at AC-3 / at 240 V / rated value	4 kW
• at AC-3 / at 400 V / rated value	8 kW
at AC-3 / at 690 V / rated value Auxiliary circuit	7.5 kW
Auxiliary circuit	0
number of CO contacts / for auxiliary contacts	0
number of NC contacts / for auxiliary contacts	0
number of NO contacts / for auxiliary contacts	0
operating voltage / of auxiliary contacts / at AC / maximum	500 V
continuous current / of the auxiliary contact / rated value	10 A
insulation voltage / of the auxiliary switch / rated value	500 V
Suitability	
suitability for use	V
• main switch	Yes
switch disconnector	Yes
 EMERGENCY OFF switch 	No
e a company of the co	**
• safety switch	Yes
maintenance/repair switch	Yes Yes
maintenance/repair switch Product details	Yes
maintenance/repair switch Product details product feature / can be locked into OFF position	
maintenance/repair switch Product details product feature / can be locked into OFF position accessories	Yes
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes Yes
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive	Yes Yes No
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger	Yes Yes No No
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes Yes No No 2
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes Yes No No 2
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 0
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 0
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 2 4 6 mm
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 0
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 2 4 6 mm
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 2 4 6 mm
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 4 6 mm
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 4 6 mm 50 kA 3.5 kA
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 4 6 mm 50 kA 3.5 kA 3.5 kA
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 4 6 mm 50 kA 3.5 kA 4 kA

A		
design of the fuse link • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch / required operational current / of upstream fuse / rated value 25 A seconding UL operational current / at AC / according to UL 508UL operational current / at AC / according to UL 508UL operational current / at AC / according to UL 508UL operational current / at AC / according to UL 508UL operational current / at AC / according to UL 508UL operational current / at AC / according to UL 508UL 606U / according to UL 508UL 606U - accive power (fine) / at AC / at 450 V according to UL 508UL 606U - accive power (fine) / at AC / at 450 V according to UL 508UL 606U - accive power (fine) / at AC / at 500 V according to UL 508UL 606U - accive power (fine) / at AC / at 500 V according to UL 508UL 606U - accive power (fine) / at AC / at 500 V according to UL 7 accive accive power (fine) / at AC / at 500 V according to UL 7 accive accive power (fine) / at AC / according to UL 7 accive accive power (fine) / at AC / according to UL 7 accive accive fine / according to UL 7 accive accive fine / according to UL 7 accive accive fine / accive / according to UL 7 accive / according to UL		4 kA2.s
* 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 * poerational current / of upstream fuse / rated value * poerational current / af AC / according to UL 508/UL 60947-4-1 / rated value * poerational current / af AC / according to UL 508/UL 60947-4-1 / rated value * solve power lipid af AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value * solve power lipid af AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value * solve power lipid af AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value * solve power lipid according to UL 708/UL 60947-4-1 / rated value * solve power lipid according to UL 708/UL 60947-4-1 / rated value * naminum * niminum * niminum * niminum * niminum * solve power lipid according to UL 708/UL 60947-4-1 / rated value * naminum * niminum * niminum * niminum * niminum * or onnectable conductor cross-sections / for copper conductor * solid * neight stranded / with core end processing * stranded * ninely stranded / with core end processing * stranded * nonectable conductor cross-sections / for auxiliary comiacts * solid * ninely stranded / with core end processing * stranded * solid * ninely stranded / with core end processing * stranded * solid * for auxiliary contacts * solid * for auxiliary		
required • for short-circuit protection of the auxiliary switch / required operational current / of upstream fuse / rated value zs A secording UL operational current / at AC / according to UL 508-UL operating voltage / at AC / according to UL 508-UL operating voltage / at AC / act 50/60 Hz / according to UL sachie power [hp.] / at AC / at 4800 V / according to UL sachie power [hp.] / at AC / at 600 V / according to UL softed U. 609-UL 60947-4-1 rated value active power [hp.] / at AC / at 600 V / according to UL softed U. 609-UL 60947-4-1 rated value on the unit is 609-UL 60947-4-1 rated value in U. 509-UL 60947-4-1 rated value on the unit is 609-UL 60947-4-1 rated value on the unit is 609-UL 60947-4-1 rated value yes of true / according to UL AWG number / as coded connectable conductor cross section / solid e. maximum bype of connectable conductor cross-sections / for copper conductor. - solid e. finely stranded / with core end processing e. stranded yes of electrical connection e. for auxiliary contacts e. solid e. finely stranded / with core end processing e. franded yes of electrical connection e. for auxiliary contacts e. for auxili		fund at IaC : 25 A
operational current / of upstream fuse / rated value operational current / of upstream fuse / rated value zecording UL operational current / at AC / according to UL 508/UL Operational current / at AC / according to UL 508/UL Operating value / at AC / at 50/80 Hz / according to UL 508/UL 60947-41 / rated value active power linp / rat AC / at 480 V/ according to UL 508/UL 60947-41 / rated value active power linp / rat AC / at 50/80 Hz / according to UL 508/UL 60947-41 / rated value active power linp / rat AC / at 50/80 V/ according to UL 508/UL 60947-41 / rated value stort-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-41 / rated value stort-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-41 / rated value stort-line withstand current (SCCR) / at 600 V / according to UL 708/Operation / according / according to UL 708/Operation / according / acco	·	iuse giligo. 25 A
pecording UL operational current / at AC / according to UL 508/UL operating voltage / at AC / at 50/06 Hz / according to UL 50/04/1- / / rated value operating voltage / at AC / at 50/06 Hz / according to UL 50/04/UL 60947-4- / rated value active power [hp] / at AC / at 80/ V according to UL 50/04/UL 60947-4- / rated value active power [hp] / at AC / at 80/ V according to UL 50/04/UL 60947-4- / rated value short-time withstand current (SCCR) / at 80/04 V according to UL short-time withstand current (SCCR) / at 80/04 V according to UL / atted value outside you will be short-time withstand current (SCCR) / at 80/04 V according to UL / atted value outside you will be short-time withstand current (SCCR) / at 80/04 V according to UL / atted value outside you will be short-time withstand current (SCCR) / at 80/04 V according to UL / atted value outside you will be short-time withstand current (SCCR) / at 80/04 V according to UL / atted value AWG number / as coded connectable conductor cross-sections / for copper conductor outside will be short-time withstand your will be short-time	• for short-circuit protection of the auxiliary switch /	fuse gL/gG: 10 A
poperational current / at AC / according to UL 508/UL operating voltage / at AC / at 5080 Hz / according to UL operating voltage / at AC / at 5080 Hz / according to UL operating voltage / at AC / at 5080 Hz / according to UL operating voltage / at AC / at 5080 Hz / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL operating voltage / at AC / at 5080 V / according to UL rated value value / according to UL operating voltage / at AC / at 5080 V / according to UL rated value value / according to UL rated value operating voltage / at AC / at 5080 V / according to UL rated value value / according to UL rated value operating voltage / at AC / at 5080 V / according to UL rated value value / according to UL rated value operating voltage / at AC / at 5080 V / according to UL rated value value / accordin	operational current / of upstream fuse / rated value	25 A
60947-4-1 / rated value	according UL	
Operating voltage at AC at 50/60 Hz according to UL 50/60U 60/60 V		25 A
S08UL 60947-4-1 / rated value active power Pipl / at AC / at 480 V / according to UL 508UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 700 V / according to UL 00000000000000000000000000000000000		600 V
SOB/UL 60947-4-1 / rated value Solid L 60947-4-1 / rated value Solid Connections Solid Connect	508/UL 60947-4-1 / rated value	
SOB/UL 60947-4-1 / rated value		10
to UL 508/UL 60947-4-1 continuous current / of upstream fuse / according to UL / rated value type of fuse / according to UL RK5 Connectation AWG number / as coded connectable conductor cross section / solid maximum minimum type of connectable conductor cross-sections / for copper conductor solid finely stranded / with core end processing stranded type of connectable conductor cross-sections / for auxiliary contacts solid finely stranded / with core end processing stranded type of connectable conductor cross-sections / for auxiliary contacts solid finely stranded / with core end processing stranded 2x (0.75 2.5 mm²), 1x 4 mm² 2x (0.75 2.5 mm²), 1x 2.5 mm² stranded 2x (0.75 2.5 mm²), 1x 4 mm² type of electrical connection for main current circuit for auxiliary contacts Machanical Design height depth finely stranded		15
rated value type of fuse / according to UL Connections AWG number / as coded connectable conductor cross section / solid maximum minimum type of connectable conductor cross-sections / for copper conductor solid finely stranded / with core end processing stranded type of connectable conductor cross-sections / for copper conductor solid finely stranded / with core end processing stranded type of connectable conductor cross-sections / for auxiliary contacts solid finely stranded / with core end processing stranded type of connectable conductor cross-sections / for auxiliary contacts solid finely stranded / with core end processing stranded type of electrical connection for main current circuit for auxiliary contacts Mochanical Design beight depth finely the device fastening method fastening method stranded		5 kA
Connections AWG number / as coded connectable conductor cross section / solid • maximum • minimum 14 type of connectable conductor cross-sections / for copper conductor • solid • finely stranded / with core end processing • stranded 1x (1,516mm²) 1x (50 A
Connections AWG number / as coded connectable conductor cross section / solid • maximum • minimum 14 type of connectable conductor cross-sections / for copper conductor • solid • finely stranded / with core end processing • stranded 1x (1,516mm²) 1x (RK5
AWG number / as coded connectable conductor cross section / solid	<u> </u>	
section / solid		
minimum 14		
type of connectable conductor cross-sections / for copper conductor • solid • finely stranded / with core end processing • stranded 1x (1,516mm²) • yer of connectable conductor cross-sections / for auxiliary contacts • solid • finely stranded / with core end processing • solid • finely stranded / with core end processing • stranded • finely stranded / with core end processing • stranded • for electrical connection • for main current circuit • for auxiliary contacts * connection terminals * Mechanical Design height 66 mm width 49 mm depth 113.5 mm type of device fixed mounting fastening method fastening method 4 -hole front mounting • front mounting with central attachment • rail mounting net weight * Front mounting operation • minimum • 25 °C • maximum	• maximum	8
conductor • solid • finely stranded / with core end processing • stranded 1x (1,516mm²) • stranded 1x (1,516mm²) 1x (1,516	• minimum	14
• finely stranded / with core end processing • stranded type of connectable conductor cross-sections / for auxiliary contacts • solid • solid • finely stranded / with core end processing • stranded • finely stranded / with core end processing • stranded • finely stranded / with core end processing • stranded type of electrical connection • for main current circuit • for auxiliary contacts **Mechanical Design** height ### depth ### 113.5 mm ### type of device ### fixed mounting ### fixed m		
stranded type of connectable conductor cross-sections / for auxiliary contacts solid solid stranded / with core end processing stranded / with core end processing stranded / with core end processing stranded / with core end processing / x (0.75 1.5 mm²), 1x 2.5 mm² stranded / x (0.75 2.5 mm²), 1x 2.5 mm² type of electrical connection of or auxiliary contacts / connection terminals Mechanical Design	• solid	1x (1,516mm²)
type of connectable conductor cross-sections / for auxiliary contacts • solid • solid • finely stranded / with core end processing • stranded type of electrical connection • for main current circuit • for auxiliary contacts Mechanical Design height depth type of device fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight minimum • maximum minimum • 25 °C • maximum • minimum • 25 °C • maximum • maximum • maximum • maximum • maximum • maximum • solid 2x (0.75 2.5 mm²), 1x 4 mm² 4x (0.75 2.5 mm² 2x (0.75 2.5 mm²), 1x 4 mm² 2x (0.75 2.5 mm² 3x 2.5 mm² 4x 4 mm² 4x (0.75 2.5 mm²), 1x 4 mm² 4x 4 mm² 4x (0.75 2.5 mm²), 1x 4 mm² 4x (0.75 2.5 mm² 5x 1x 4 mm² 4x (0.75 1.5 mm²), 1x 2.5 mm² 4x (0.75 1.5 mm²), 1x 2.5 mm² 4x (0.75 1.5 mm² 5x 1x 4 mm² 4x (0.75 1.5 mm² 5x 1x 4 mm² 4x (0.75 2.5 mm² 5x 1x 4 mm² 4x (0.75 1.5 mm² 5x 1x 4 mm² 4x (0.75 1.5 mm² 5x 1x 4 mm² 4x 1x 4 mm² 4x 1x 4 mm² 4x (0.75 1.5 mm² 5x 1x 4 mm² 4x 1x 4 mm² 5x 1x 4 mm² 5	 finely stranded / with core end processing 	1x (1,510mm²)
auxiliary contacts • solid • finely stranded / with core end processing • stranded 2x (0.75 1.5 mm²), 1x 2.5 mm² • stranded 2x (0.75 2.5 mm²), 1x 4 mm² 2x (0.75 2.5 mm²), 1x 4 mm² type of electrical connection • for main current circuit • for auxiliary contacts Mechanical Design	stranded	1x (1,516mm²)
• finely stranded / with core end processing • stranded 2x (0.75 1.5 mm²), 1x 2.5 mm² 2x (0.75 2.5 mm²), 1x 4 mm² type of electrical connection • for main current circuit • for auxiliary contacts For auxiliary contacts		
stranded type of electrical connection for main current circuit	• solid	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	 finely stranded / with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²
for main current circuit for auxiliary contacts Connection terminals Mechanical Design height height depth depth depth type of device fixed mounting fastening method fastening method e 4-hole front mounting e front mounting with central attachment e rail mounting net weight Environmental conditions ambient temperature / during operation e minimum e minimum e -25 °C ambient temperature / during storage e minimum e minimum e -25 °C e maximum e maximum e 55 °C	stranded	2x (0.75 2.5 mm²), 1x 4 mm²
for auxiliary contacts Mechanical Design height height width depth depth type of device fixed mounting fastening method - 4-hole front mounting	type of electrical connection	
Mechanical Design height 66 mm width 49 mm depth 113.5 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method No • 4-hole front mounting No • front mounting with central attachment Yes • rail mounting No net weight 191 g Environmental conditions ambient temperature / during operation -25 °C • maximum 55 °C ambient temperature / during storage -25 °C • minimum -25 °C • maximum 55 °C	 for main current circuit 	box terminal
height width 49 mm depth 113.5 mm type of device fixed mounting fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature / during operation • minimum • minimum • conditions ambient temperature / during storage • minimum • minimum • conditions ambient temperature / during storage • minimum • minimum • conditions ambient temperature / during storage • minimum • conditions ambient temperature / during storage • minimum • conditions • minimum • conditions • conditio	for auxiliary contacts	connection terminals
width 49 mm depth 113.5 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method • 4-hole front mounting No • front mounting with central attachment Yes • rail mounting No net weight 191 g Environmental conditions ambient temperature / during operation • minimum • maximum 55 °C ambient temperature / during storage • minimum • minimum • -25 °C • maximum 55 °C	Mechanical Design	
depth 113.5 mm type of device fixed mounting fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight 191 g Environmental conditions ambient temperature / during operation • maximum • minimum • conditions ambient temperature / during storage • minimum • minimum • conditions -25 °C ambient temperature / during storage • minimum • minimum • conditions -25 °C -25 °C -25 °C -25 °C -25 °C -25 °C -25 °C -25 °C	height	66 mm
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 • maximum • maximum -25 °C ambient temperature / during storage • minimum • maximum -25 °C -25 °C -25 °C	width	49 mm
fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature / during operation • maximum -25 °C ambient temperature / during storage • minimum -25 °C ambient temperature / during storage • minimum -25 °C ambient temperature / during storage • minimum -25 °C	depth	113.5 mm
fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Final mounting No 191 g Final mounting No Tenvironmental conditions ambient temperature / during operation • minimum • maximum 55 °C ambient temperature / during storage • minimum • minimum -25 °C ambient temperature / during storage • minimum -25 °C 55 °C	type of device	fixed mounting
 4-hole front mounting front mounting with central attachment rail mounting No net weight 191 g Environmental conditions ambient temperature / during operation minimum maximum 55 °C ambient temperature / during storage minimum -25 °C ambient temperature / during storage minimum -25 °C ambient temperature / during storage minimum -25 °C o maximum 55 °C 	fastening method	Built-in unit fixed-mounted version
 front mounting with central attachment rail mounting No net weight 191 g Environmental conditions ambient temperature / during operation minimum -25 °C maximum 55 °C ambient temperature / during storage minimum -25 °C ambient temperature / during storage minimum -25 °C 	fastening method	
 rail mounting net weight 191 g Environmental conditions ambient temperature / during operation minimum -25 °C maximum 55 °C ambient temperature / during storage minimum -25 °C ambient temperature / during storage minimum -25 °C maximum 		No
net weight Environmental conditions ambient temperature / during operation • minimum • maximum 55 °C ambient temperature / during storage • minimum • minimum -25 °C -25 °C -25 °C	_	
Environmental conditions ambient temperature / during operation • minimum • maximum 55 °C ambient temperature / during storage • minimum -25 °C • maximum 55 °C		
ambient temperature / during operation • minimum • maximum 55 °C ambient temperature / during storage • minimum -25 °C • maximum 55 °C		191 g
 minimum maximum 55 °C ambient temperature / during storage minimum maximum 55 °C 	Environmental conditions	
 maximum ambient temperature / during storage minimum maximum 55 °C maximum 55 °C 		
ambient temperature / during storage • minimum • maximum -25 °C 55 °C		
 minimum -25 °C maximum 55 °C 		55 °C
• maximum 55 °C		
General Product Approval		55 °C
	General Product Approval	





Confirmation





Miscellaneous

General Product Approval

Declaration of Conformity

Test Certificates

Marine / Shipping







Special Test Certificate





Marine / Shipping

other



Miscellaneous

Environmental Confirmations

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=3LD2150-0TK11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3LD2150-0TK11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2150-0TK11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications











