SIEMENS

Data sheet 3LD2517-0TK11



SENTRON, switch disconnector 3LD, main switch, 3-pole, lu: 63 A, operating power / at AC-23 A at 400 V: 22 kW, floor mounting with door coupling, defeatable knob-operated mechanism, black, 4-hole mounting of the handle

product brand name design of the product display version / for switch position indicator manual operation type of switch design of the actuating element 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 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, black type of the driving mechanism type of the driving mechanism, black type of the driving mechanism type of the driving mechan	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 design 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 amechanical 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 operating voltage at AC / rated value operating voltage at AC / rated value operating frequency / rated value ominimum om	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 switch driving mechanism / motor drive No Ceneral technical data number of poles size of switch disconnector a decircle endurance (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / 6 000 operating frequency / maximum for operating frequency / maximum for operating voltage / rated value operating requency / rated value • at AC / rated value • minimum • maximum for othe • maximum for othe for the driving mechanism / motor drive ANO 100 000	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 / at 690 V operating frequency / maximum degree of pollution Voltage insulation voltage / rated value • at AC / rated value • maximum • at AC / rated value • maximum foo Hz Protection class IP protection class IP / on the front Dissipation power loss [W] / for rated value operating state / per pole Current • at 40 °C / rated value • at 40 °C / rated value operating attal / rated value operating state / per pole Current • at 40 °C / rated value operational current / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current operational current • at 40 °C / rated value operational current operati	design of the product	Main switch	
design of the actuating element black color / of the driving mechanism / motor drive No No Ceneral technical data number of poles 3 size of switch disconnector 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / operating frequency / maximum 50 1/h degree of pollution 3 Voltage linsulation voltage / rated value 690 V surge voltage resistance / rated value 680 V operating voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 600 Hz Protection class P / on the front 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 63 A operational current / rated value 63 A operational current / rated value 63 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) • 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 • maximum 50 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 operational current / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current • at 40 °C / rated value operational current	type of switch	Floor mounting with door coupling	
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 3 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 frequency / 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 e minimum 50 Hz e 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 63 A operational current / rated value 63 A operational current / rated value 63 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 operating voltage • at AC / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum on the folia of the frequency operation 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 / rated value operational current of at 40 °C / rated value of SA	color / of the actuating element	black	
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 50 1/h degree of pollution 3 Voltage insulation voltage / rated value operating voltage • at AC / rated value • minimum • maximum 50 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 • for AC / rated value • Ga A operational current / rated value • 63 A operational current • at 40 °C / rated value • 63 A	design of handle	knob-operated mechanism, black	
number of poles size of switch disconnector amechanical 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 • minimum • maximum 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	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 50 1/h degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage • at AC / rated value 690 V operating frequency / mated value • minimum 50 Hz • maximum 50 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 63 A operational current / rated value 63 A operational current • at 40 °C / rated value 63 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 • at AC / rated value • at AC / rated value • at AC / rated value • minimum • maximum 50 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 • at 40 °C / rated value 63 A operational current • at 40 °C / rated value	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 • maximum 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 operational current / rated value • at 40 °C / rated value 60 0 V 60 0	size of switch disconnector	3	
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 • 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	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 63 A operational current • at 40 °C / rated value 63 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 690 V	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 690 V 690	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 68 kV 690 V 690 V	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 63 A	insulation voltage / rated value	690 V	
 at AC / rated value operating frequency / rated value minimum 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 63 A 63 A 63 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 63 A operational current at 40 °C / rated value 63 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	• 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 63 A	• 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 operational current • at 40 °C / rated value 1, 3R, 4X, 12 1P65 4.5 W 4.5 W 63 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 otherwise at 40 °C / rated value 63 A 63 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 63 A	degree of protection NEMA rating	1, 3R, 4X, 12	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 63 A	protection class IP / on the front	IP65	
hot operating state / per pole Current operational current / rated value 63 A operational current • at 40 °C / rated value 63 A	Dissipation		
operational current / rated value 63 A operational current • at 40 °C / rated value 63 A		4.5 W	
operational current • at 40 °C / rated value 63 A	Current		
• at 40 °C / rated value 63 A	operational current / rated value	63 A	
	operational current		
• at 45 °C / rated value 63 A	 at 40 °C / rated value 	63 A	
***************************************	• at 45 °C / rated value	63 A	

at 50 °C / rated value at AC / rated value 63 A Main circuit operational current at AC-21 / at 690 V / rated value at AC-21 / at 240 V / rated value at AC-21 A / at 240 V / rated value at AC-21 A / at 440 V / rated value at AC-21 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-3 A / at 440 V / rated value at AC-3 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 6
at AC / rated value at AC-21 / at 690 V / rated value at AC-21 / at 690 V / rated value at AC-21 A / at 240 V / rated value at AC-21 A / at 4400 V / rated value at AC-21 A / at 440 V / rated value at AC-23 A / at 4400 V / rated value at AC-23 A / at 4400 V / rated value at AC-23 A / at 4400 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-33 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
Main circuit operational current • at AC-21 / at 690 V / rated value 63 A • at AC-21 A / at 240 V / rated value 63 A • at AC-21 A / at 440 V / rated value 63 A • at AC-21 A / at 440 V / rated value 63 A • at AC-23 A / at 400 V / rated value 43 A operating power • at AC-23 A / at 240 V / rated value 11 kW • at AC-23 A / at 400 V / rated value 22 kW • at AC-23 A / at 440 V / rated value 19 kW • at AC-23 A / at 690 V / rated value 11 kW • at AC-3 / at 240 V / rated value 19 kW • at AC-3 / at 240 V / rated value 11 kW • at AC-3 / at 400 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 10 A insulation voltage / of the auxiliary switch / rated value 500 V
operational current • at AC-21 / at 690 V / rated value • at AC-21 A / at 240 V / rated value • at AC-21 A / at 440 V / rated value • at AC-21 A / at 440 V / rated value • at AC-21 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 400 V / rated value operating power • at AC-23 A / at 240 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-3 A / at 4690 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 690 V / rated v
at AC-21 / at 690 V / rated value at AC-21 A / at 240 V / rated value at AC-21 A / at 400 V / rated value at AC-21 A / at 440 V / rated value at AC-21 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 A / at 690 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value 50 W Auxiliary circuit number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
at AC-21 A / at 240 V / rated value at AC-21 A / at 400 V / rated value at AC-21 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 A / at 240 V / rated value at AC-3 / at 240 V / rated value by kW at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
at AC-21 A / at 400 V / rated value at AC-21 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 A / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 690 V / rated value bt AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt AC-3 / at 690 V / rated value bt AC-3 / at 690 V / rated value bt AC-3 / at 690 V / rated value bt AC-3 / at 690 V / rated value bt Acc-3 /
at AC-21 A / at 440 V / rated value at AC-23 A / at 400 V / rated value operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 A / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value backward at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value backward at AC-3 / at 690 V / rated value for CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
at AC-23 A / at 400 V / rated value operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-34 A / at 690 V / rated value at AC-3 A / at 240 V / rated value at AC-3 / at 240 V / rated value 11 kW at AC-3 / at 240 V / rated value 12 kW at AC-3 / at 240 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
operating power • at AC-23 A / at 240 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 690 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 690 V / rated value 19 kW • at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
 at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 690 V / rated value by kW at AC-3 / at 690 V / rated value by kW at AC-3 / at 690 V / rated value by kW at AC-3 / at 690 V / rated value by kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contact / rated value for the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
 at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bkW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value
at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value but at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
 at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value b kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contact / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contact / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
at AC-3 / at 690 V / rated value Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
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
number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
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
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V 500 V
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V
insulation voltage / of the auxiliary switch / rated value 500 V
Suitability
suitability for use
• main switch Yes
• switch disconnector Yes
EMERGENCY OFF switch No No No
• safety switch Yes
maintenance/repair switch Yes
Product details
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
number of connectable NO contacts / for auxiliary contacts 5
/ attachable / maximum number of connectable CO contacts / for auxiliary contacts 0
/ attachable / maximum
number of bracket locks / maximum 3
hasp thickness / of the bracket locks 4 6 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
at 240 V / for combination switch + gG fuse / 6 kA maximum
at 440 V / for combination switch + gG fuse / maximum 6 kA
at 690 V / for combination switch + gG fuse / 6 kA maximum permissible
I2t value / with closed switch
• at 240 V / for combination switch + gG fuse / 21 kA2.s maximum
• at 440 V / for combination switch + gG fuse / 21 kA2.s

maximum	
at 690 V / for combination switch + gG fuse /	21 kA2.s
maximum	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 63 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
operational current / of upstream fuse / rated value	63 A
according UL	
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value	63 A
operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value	600 V
active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value	40
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	50
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	175 A
type of fuse / according to UL	RK5
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	6
• minimum	14
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (2,535mm²)
 finely stranded / with core end processing 	1x (2.516 mm²)
stranded	1x (2,535mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
• finely stranded / with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
• for main current circuit	box terminal
for auxiliary contacts	connection terminals
Mechanical Design	
height	91 mm
width	67 mm
depth type of device	395 mm
type of device	fixed mounting Built-in unit fixed-mounted version
fastening method fastening method	Duilt-in unit fixed-mounted version
4-hole front mounting	Yes
front mounting with central attachment	No
• rail mounting	Yes
net weight	559 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature / during storage	
• minimum	-25 °C
• maximum	55 °C
General Product Approval	





Confirmation





Miscellaneous

General Product Approval

Declaration of Conformity

Test Certificates

Marine / Shipping

other







Special Test Certificate



Environmental Confirmations

other

Miscellaneous

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=3LD2517-0TK11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2517-0TK11

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2517-0TK11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications











