SIEMENS

Data sheet 3LD3040-0TK11



Load disconnector 3LD3, lu 16 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 7.5kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive black 48x48 mm

Model		
product brand name	SENTRON	
product designation	Switch disconnector	
design of the product	Main switch	
display version for switch position indicator manual operation	1 ON - 0 OFF	
type of switch	Floor mounting with door coupling	
design of the actuating element	selector switch	
color of the actuating element	black	
design of handle	knob-operated mechanism, black	
type of the driving mechanism motor drive	No	
General technical data		
number of poles	3	
number of poles note	3	
mechanical service life (operating cycles) typical	100 000	
electrical endurance (operating cycles)		
• at AC-23 A at 690 V	6 000	
operating frequency maximum	50 1/h	
degree of pollution	3	
Voltage		
insulation voltage rated value	690 V	
surge voltage resistance rated value	6 kV	
operating voltage		
at AC rated value	690 V	
operating frequency rated value		
• minimum	50 Hz	
• maximum	60 Hz	
Protection class		
protection class IP	IP65	
degree of protection NEMA rating	1, 3R, 4X, 12	
protection class IP on the front	IP65	
Dissipation		
power loss [W] for rated value of the current at AC in hot operating state per pole	0.5 W	
Main circuit		
operational current		
• at AC-21 at 690 V rated value	16 A	
• at AC-21 A at 240 V rated value	16 A	
• at AC-21 A at 400 V rated value	16 A	
• at AC-21 A at 440 V rated value	16 A	
• at AC-23 A at 400 V rated value	16 A	

specialing prover * al AC-23 A at 450 V rited value * al AC-23 A at 450 V rited value * al AC-23 A at 450 V rited value * al AC-23 A at 450 V rited value * al AC-23 A at 450 V rited value * al AC-23 A at 450 V rited value * al AC-3 at 450 V rited		
a A AC-23 A at 400 V rated value 7,5 MW 8 MV 8 AV 9 A AC-23 A at 600 V rated value 8 MV 9 A AC-3 A at 600 V rated value 8 MV 9 A AC-3 A at 600 V rated value 9 A MV 9 A AC-3 A at 600 V rated value 9 A MV 9 A AC-3 A at 600 V rated value 9 A AC-3 AC-3	operating power	
a IA AC-23 A at 460 V retail value b IA AC-3 IA 460 V retail value c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protection of the nauxiliary contacts c IA 460 V retail protecti	 at AC-23 A at 240 V rated value 	3 kW
* at AC-23 at 260 V rated value * at AC-3 at 260 V rated value * anumber of NO contacts for auxiliary contacts * 0	 at AC-23 A at 400 V rated value 	
and AC-3 at 240 V rated value at AC-3 at 680 V rated value be 41 AC-3 at 680 V rated value control of Contacts for auxiliary contacts number of ICC contacts for auxiliary contacts number of ICC contacts for auxiliary contacts operating voltage of 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 insulation voltage of the auxiliary switch rated value insulation voltage of the auxiliary switch rated value suitability suitability suitability suitability for use not in switch expected product feature round in switch expected product feature round fea	 at AC-23 A at 440 V rated value 	7.5 kW
and AC-3 at 400 V rated value at AC-3 at 400 V rated value building circum number of ICO contacts for auxiliary contacts porarity value of auxiliary contacts number of ICO contacts for auxiliary contacts number of ICO contacts for auxiliary contact porarity value of auxiliary contact at AC maximum continuous current of the auxiliary contact rated value nuslation value of the auxiliary switch rated value should be auxiliary contact at AC maximum auxiliary value of the auxiliary switch rated value should be auxiliary contact at AC maximum auxiliary value of auxiliary contact at AC maximum auxiliary value a	 at AC-23 A at 690 V rated value 	8 kW
Auxiliary circuit number of CD contacts for auxiliary contacts number of CD 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 aurinar of the auxiliary contact artied value sustability for use Insulation voltage of the auxiliary switch rated value Source Insulation voltage of the auxiliary switch rated value Source Insulation voltage of the auxiliary switch rated value Insulation voltage of the auxiliary switch rated value Insulation voltage of the auxiliary switch rated value Insulation voltage in the auxiliary switch Insulation voltage in the Ins	 at AC-3 at 240 V rated value 	3 kW
Auxillary circuit number of ICO contacts for auxiliary contacts number of ICO contacts for auxiliary contacts number of ICO contacts for auxiliary contacts 0 number of ICO contacts for auxiliary contacts 0 continuous current of the auxiliary contact rated value 10 A situations outlage of the auxiliary switch rated value 1500 V Suttability suitability for use 1 main switch 2 witch disconnector 2 wes 1 main switch 2 witch disconnector 2 wes 2 which disconnector 3 witch disconnector 4 wes 2 witch disconnector 4 wes 2 witch disconnector 4 wes 2 witch disconnector 5 wes 2 witch disconnector 6 wes 2 witch disconnector 7 wes 2 witch disconnector 7 wes 2 witch disconnector 7 wes 2 witch disconnector 8 witch disconnector 9 wes 2 witch disconnector 9 witch disconnector	 at AC-3 at 400 V rated value 	6 kW
rumber of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts at AC maximum of NC contacts for auxiliary contacts at AC maximum operating voltage of auxiliary contact at AC anaximum operating voltage of auxiliary contact at AC according to UL 508UL 60947-4-1 rated value Operating voltage at Acc at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage in product for a usual according to UL 508UL 60947-4-1 rated value Operating voltage in product for a usual according to UL 508UL 60947-4-1 rated value Operating voltage in product for a usual according to UL 508UL 60947-4-1 rated value Operating voltage in product for a usual according to UL 508UL 60947-4-1 rated value Operating voltage in product for a usual according to UL 508UL 60947-4-1 rated value Operating voltage in product for a usual according to UL 508UL 60947-4-1 rated value Operating voltage in product for a usual according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL 60947-4-1 rated value Operating voltage at AC at 5060 Hz according to UL 508UL	at AC-3 at 690 V rated value	5.5 kW
number of NC contacts for auxillary contacts operating voltage of auxillary contacts at AC maximum number of NO contacts for auxillary contacts at AC maximum source of the auxillary contacts at AC maximum source of the auxillary contact rated value subability for use main switch witch disconnector **EMERSENOY OF F switch **and to a safety switch **pecial product feature product feature can be locked into OFF position **orbital feature can be locked into OFF position **orbital feature can be locked into OFF position **orbital feature can be locked into OFF position **product extension optional **motor drive* **ovitage trigger number of connectable NC contacts for auxillary contacts attachable maximum number of connectable NC contacts for auxillary contacts attachable maximum number of connectable NC contacts for auxillary contacts attachable maximum number of product extension optional **number of connectable NC contacts for auxillary contacts attachable maximum number of brackel locks maximum number of brackel locks maximum number of brackel locks maximum **number of brackel locks maximum number of brackel locks maximum number of brackel locks maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combination switch * 9G fuse maximum **at 400 V for combinati	Auxiliary circuit	
number of NO contacts for auxiliary contacts at AC maximum operating voltage of auxiliary contact at AC maximum ontinuous current of the auxiliary contact rated value insulation voltage of the auxiliary switch rated value sustability for use in main switch in m	number of CO contacts for auxiliary contacts	0
operating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary contact rated value situation voltage of the auxiliary switch rated value suitability for use main switch which disconnector ves main switch which disconnector stately switch special product feature Product details Special product feature Can be locked in zero position product feature can be locked into OFF position yes Recessor'ss Product details Special product feature No nonconnectable NC contacts for auxiliary contacts which disconnectable NC contacts for auxiliary contacts attachable maximum number of bonectable NC contacts for auxiliary contacts attachable maximum number of bonectable NC contacts for auxiliary contacts attachable maximum number of bonectable NC contacts for auxiliary contacts attachable maximum number of bonectable NC contacts for auxiliary contacts attachable maximum number of bonectable NC contacts for auxiliary contacts attachable maximum number of bonectable NC contacts for auxiliary contacts attachable maximum number of bonectable NC contacts for auxiliary contacts attachable maximum 2 nasp tuckness of the bracket locks Stort circuit 10 AA 3 AA 3 AA 3 AA 4 40 V by gG size a rated value 4 4 AUV for combination switch + gG fuse maximum 4 440 V by G subser arted value 4 4 40 V for combination switch + gG fuse maximum 5 4 690 V for combination switch + gG fuse maximum 6 4 690 V for combination switch + gG fuse maximum 7 4 6 90 V for combination switch + gG fuse maximum 8 4 6 90 V for combination switch + gG fuse maximum 9 4 6 90 V for combination switch + gG fuse maximum 10 AA 11 6 AA 12 6 MB 10 AA 11 6 AA 12 6 MB 10 AA 13 AA 14 6 AB 15 AA 16 AB 16 AB 17 5 AC 17 5	number of NC contacts for auxiliary contacts	0
continuous current of the auxiliary contact rated value Insulation violage of the auxiliary switch rated value S00 V Stribility Sutibility for use	number of NO contacts for auxiliary contacts	0
Installation voltage of the auxiliary switch rated value Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • yes • maintenance/repair switch • Yes • product feature product feature product feature can be locked into OFF position • secessories • product feature can be locked into OFF position • secessories • ovoltage trigger • No • unaber of connectable NC contacts for auxiliary contacts • attachable maximum • number of connectable NC contacts for auxiliary contacts • attachable maximum • number of bronectable CO contacts for auxiliary contacts • attachable maximum • number of bronectable CO contacts for auxiliary contacts • attachable maximum • number of bronectable CO contacts for auxiliary contacts • attachable maximum • number of bronectable CO contacts for auxiliary contacts • attachable maximum • attachable via gradient value • attachable maximum • attachable maximum • attachable via gradient value • attachable via gradient value • attachable via gradient value • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG fuse maximum • attachable via combination switch + gG	operating voltage of auxiliary contacts at AC maximum	500 V
Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • yes Product details special product feature product feature can be locked into OFF position • yes **Can be locked in zero position product details special product extension optional • motor drive • voltage trigger product extension optional • motor drive • voltage trigger number of connectable NC contacts for auxiliary contacts statischable maximum number of connectable NC contacts for auxiliary contacts statischable maximum number of connectable OC contacts for auxiliary contacts statischable maximum number of bracket locks maximum 2 hasp thickness of the bracket locks Short circuit conditional short-drivatic current with line-side fuse protection • at 440 V by G fuse rated value • at 890 V by g fuse rated value • at 890 V by g fuse rated value • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum • at 4	continuous current of the auxiliary contact rated value	10 A
suitability for use imain switch is witch disconnector is MERGENCY OFF switch is adely switch is an internance/repair switch Product distalia special product feature Can be locked in zero position yes product teature can be locked into OFF position yes product extension optional into fire into	insulation voltage of the auxiliary switch rated value	500 V
* main switch * switch disconnector * EMERIGENCY OFF switch * safety switch * safety switch * safety switch * maintenance/repair switch * remaintenance/repair switch * safety switch * special product feature product feature can be locked into OFF position * recossories * product extension optional * motor drive * voltage trigger * No * voltage trigger * No * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable OC contacts for auxiliary contacts * statischable maximum * number of connectable OC contacts for auxiliary contacts * statischable maximum * number of connectable OC contacts for auxiliary contacts * statischable maximum * number of connectable OC contacts for auxiliary contacts * statischable maximum * number of connectable OC contacts for auxiliary contacts * statischable maximum * statischable maximum * statischable maximum * statischable maximum * at 880 V by G fluse rated value * at 280 V by G fluse rated value * at 240 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse maximum * at 480 V for combination switch + gG fluse	Suitability	
Switch disconnector EMERGENCY OFF switch Safety switch Test witch Test witch Test witch EMERGENCY OFF switch Safety switch Test witch Test w	suitability for use	
EMERGENCY OFF switch Safety S	main switch	Yes
* safety switch Yes * maintenance/repair switch Yes Product details special product feature product feature acon be locked into OFF position **Product details** 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 attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of the bracket locks maximum 2 hasp thickness of the bracket locks ** And Short circuit conditional short-circuit current with line-side fuse protection ** at 440 V by gG fuse rated value ** at 480 V by gG fuse rated value ** at 480 V for combination switch + gG fuse maximum ** at 480 V for	• switch disconnector	Yes
maintenance/repair switch Product details special product feature can be locked into OFF position Yes Decessories product extension optional motor drive voltage trigger not onnectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of bracket locks maximum at 440 Vb yg G fuse rated value at 680 Vb yg fise rated value at 680 Vb yg fise rated value at 420 Vb ro combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro combination switch + gG fuse maximum at 480 Vb ro comb	 EMERGENCY OFF switch 	No
Special product feature special product feature product feature can be locked into OFF position Yes ccessories product extension optional	safety switch	Yes
special product feature Can be locked in zero position yes product feature can be locked into OFF position yes product extension optional motor drive voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum at 440 V by Gs fuse rated value et-through current with closed switch at 430 V by of fuse rated value et-through current with closed switch at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 4590 V for combination switch + gG fuse maximum at 45	• maintenance/repair switch	Yes
product feature can be locked into OFF position **coessories** product extension optional **motor drive **voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum 2 hasp thickness of the bracket locks **Nont circuit** conditional short-circuit current with line-side fuse protection **at 440 V by gG fuse rated value **at 680 V by gG fuse rated value **at 680 V by gG fuse rated value **at 440 V for combination switch + gG fuse maximum **at 440 V for combination switch + gG fuse maximum **at 480 V for combination switch + gG fuse maximum **at 480 V for combination switch + gG fuse maximum **at 440 V for combination switch + gG fuse m	Product details	
product extension optional	special product feature	Can be locked in zero position
product extension optional • motor drive • voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum number of bracket locks maximum 2 hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 690 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch	product feature can be locked into OFF position	Yes
• motor drive • voltage trigger No number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum 2 naber of bracket locks maximum 3 number of bracket locks maximum 2 naber of bracket locks maximum 2 naber of bracket locks maximum 3 naber of the bracket locks 3 Nort circuit **Ortification** **Ortification*	accessories	
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hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1		0
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch 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 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 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1	number of bracket locks maximum	2
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • for short-circuit protection of the main circuit required • 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 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 active power [hp] at AC at 480 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	hasp thickness of the bracket locks	4 6 mm
at 440 V by gG fuse rated value at 690 V by gG fuse rated value bet-through current with closed switch at 240 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum between the fuse link at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combina	Short circuit	
at 690 V by gG fuse rated value let-through current with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible let value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse	conditional short-circuit current with line-side fuse protection	
let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • 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 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 active power [hp] at AC at 480 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 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	 at 440 V by gG fuse rated value 	10 kA
 at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch at 240 V for combination switch + gG fuse maximum at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 5 kA2.s at 690 V for combination switch + gG fuse maximum for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required fuse gL/gG: 20 A fuse gL/gG: 10 A operational current of upstream fuse rated value according UL operational current at AC according to UL 508/UL 60947-4-1 rated value operational current at AC at 480 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value 	at 690 V by gG fuse rated value	6 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required fuse gL/gG: 20 A for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 active power [hp] at AC at 480 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 	let-through current with closed switch	
at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for short-circuit protection of the main circuit required at 690 V for short-circuit protection of the auxiliary switch required at 690 V fuse gL/gG: 20 A fuse gL/gG: 10 A seconding UL operational current of upstream fuse rated value 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 600 V 6	• at 240 V for combination switch + gG fuse maximum	3 kA
permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • f	• at 440 V for combination switch + gG fuse maximum	3 kA
 at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link for short-circuit protection of the main circuit required fuse gL/gG: 20 A for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 active power [hp] at AC at 480 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 10 		3 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 active power [hp] at AC at 480 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 	I2t value with closed switch	
 at 690 V for combination switch + gG fuse maximum design of the fuse link for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 active power [hp] at AC at 480 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value 	• at 240 V for combination switch + gG fuse maximum	2.5 kA2.s
design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 operating voltage 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 active power [hp] at AC at 600 V according to UL 508/UL 60947- active power [hp] at AC at 600 V according to UL 508/UL 60947- 10	• at 440 V for combination switch + gG fuse maximum	2.5 kA2.s
● 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 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 active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1	• at 690 V for combination switch + gG fuse maximum	3 kA2.s
● for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 active power [hp] at AC at 480 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 active power [hp] at AC at 600 V according to UL 508/UL 60947- 10	design of the fuse link	
operational current of upstream fuse rated value 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 active power [hp] at AC at 480 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- 10	• for short-circuit protection of the main circuit required	fuse gL/gG: 20 A
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 active power [hp] at AC at 480 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- 10	• for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
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 active power [hp] at AC at 480 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- 10	operational current of upstream fuse rated value	16 A
rated value operating voltage at AC at 50/60 Hz 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 600 V according to UL 508/UL 60947- 10	according UL	
active power [hp] at AC at 480 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- 10		16 A
active power [hp] at AC at 480 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- 10		600 V
active power [hp] at AC at 600 V according to UL 508/UL 60947-	active power [hp] at AC at 480 V according to UL 508/UL 60947-	7.5
	active power [hp] at AC at 600 V according to UL 508/UL 60947-	10

short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA
continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid	
• maximum	6
• minimum	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (2.5 to 16 mm²)
 finely stranded with core end processing 	1x (2.516 mm²)
stranded	1x (2.5 to 16 mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	2x (0.75 2.5 mm²), 1x 4 mm²
 finely stranded with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²
stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
for main current circuit	box terminal
 for auxiliary contacts 	Box terminals
Mechanical Design	
height	60 mm
width	36 mm
depth	380 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	Yes
rail mounting	Yes
net weight	300 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
Approvals Certificates	

General Product Approval

Declaration of Conformity

Confirmation











other Environment

<u>Confirmation</u> <u>Miscellaneous</u> <u>Environmental Confirmations</u>

Further informatior

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

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

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

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

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3040-0TK11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3040-0TK11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3040-0TK11

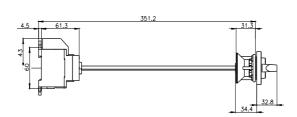
CAx-Online-Generator

http://www.siemens.com/cax

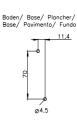
Tender specifications

http://www.siemens.com/specifications











last modified:

6/20/2023