SIEMENS

Data sheet

3LD2264-1TS53-0US2



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3- pole, lu: 32 A, operating power / at AC-23 A 400 V: 11.5 kW, molded-plastic encapsulation for inch cable gland, 2 NO, rotary operating mechanism, red/yellow

Model		
product brand name	SENTRON	
product designation	Switch disconnector	
design of the product	EMERGENCY-STOP switch	
display version for switch position indicator manual operation	1 ON - 0 OFF	
type of switch	Molded-plastic enclosure for inch threaded joint	
design of the actuating element	Short rotary knob	
color of the actuating element	red	
design of handle	rotary operating mechanism, red/yellow	
type of the driving mechanism motor drive	No	
General technical data		
number of poles	3	
number of poles note	PE	
size of switch disconnector	2	
mechanical service life (operating cycles) typical	100 000	
electrical endurance (operating cycles)		
• at AC-23 A at 690 V	6 000	
operating frequency maximum	50 1/h	
degree of pollution	3	
Voltage		
insulation voltage rated value	690 V	
surge voltage resistance rated value	6 kV	
operating voltage		
 at AC rated value 	690 V	
operating frequency rated value		
• minimum	50 Hz	
• maximum	60 Hz	
Protection class		
protection class IP	IP65	
degree of protection NEMA rating	1, 4X, 12	
protection class IP on the front	IP65	
Dissipation		
power loss [W] for rated value of the current at AC in hot operating state per pole	1.8 W	
Main circuit		
operational current		
• at AC-21 at 690 V rated value	32 A	
 at AC-21 A at 240 V rated value 	32 A	
 at AC-21 A at 400 V rated value 	32 A	

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 at AC23 At 850 V rade value at AC23 at 400 V rade value bt AC3 at 400 V rade value ct AC3 at 400 V rade value bt AC3 at 400 V rade value continues current of the auxiliary contacts continues current of the auxiliary contact rated value bt AC3 at 400 V rade value bt AC4 at 400 V rade value	 at AC-23 A at 400 V rated value 	12 kW
 at AC3 at 240 V rado value 5 KW at AC3 at 260 V rado value 9 S kW Axultary circuit Turnber of Contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 2 operating voltage of auxiliary contacts 2 operating voltage of auxiliary contacts 2 operating voltage of auxiliary contacts 10.A installative Suitability for use aviilary contact at AC maximum 500 V continuous current of the auxiliary contact at AC maximum 500 V suitability for use aviilary contact at AC maximum 500 V suitability for use aviilary contact at AC maximum 500 V suitability for use aviilary contact at AC maximum 500 V suitability for use aviilary contact at AC maximum 500 V suitability for use aviilary contact at AC maximum for auximum product fauture can be locked into OFF position Yes suitability for use aviilary contacts for auxiliary contacts and or drive No notor drive No notor drive No notor drive No notor drive and and an aviitary contacts for auxiliary contacts and an aviitary contacts for auxiliary contacts and an aviitary contacts for auxiliary contacts and aviitary contacts for auxiliary c	 at AC-23 A at 440 V rated value 	11.5 kW
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Short circuit conditional short-circuit current with line-side fuse protection 50 kA let-through current with closed switch 50 kA let-through current with closed switch 4.5 kA • at 240 V for combination switch + gG fuse maximum 4.5 kA • at 460 V for combination switch + gG fuse maximum 5 kA • at 690 V for combination switch + gG fuse maximum 5 kA • at 690 V for combination switch + gG fuse maximum 5 kA value with closed switch 9 kA2.s • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 490 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s design of the fuse link fuse gL/gG: 40 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 A according UL 600 V operational current of upstream fuse rated value 600 V 60947-4-1 rated value 20 active power [hp] at AC at 480 V accordi	number of bracket locks maximum	3
conditional short-circuit current with line-side fuse 50 kA e at 690 V by gG fuse rated value 50 kA let-through current with closed switch 4.5 kA e at 240 V for combination switch + gG fuse maximum 4.5 kA e at 440 V for combination switch + gG fuse maximum 5 kA e at 690 V for combination switch + gG fuse maximum 5 kA e at 690 V for combination switch + gG fuse maximum 9 kA2.s e at 240 V for combination switch + gG fuse maximum 9 kA2.s e at 240 V for combination switch + gG fuse maximum 9 kA2.s e at 440 V for combination switch + gG fuse maximum 9 kA2.s e at 690 V for combination switch + gG fuse maximum 9 kA2.s e at 690 V for combination switch + gG fuse maximum 9 kA2.s e at 690 V for combination switch + gG fuse maximum 9 kA2.s e at 690 V for combination switch + gG fuse maximum 9 kA2.s design of the fuse link fuse gL/gG: 40 A e for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current at AC according to UL 508/UL 60947-4-1 32 A according UL operational current at AC according to UL 508/UL 60947-4-1 32 A operating voltage at AC at 50/60 Hz according to UL 508/UL 6		
protection 50 kA e at 690 V by gG fuse rated value 50 kA let-through current with closed switch 4.5 kA • at 240 V for combination switch + gG fuse maximum 4.5 kA • at 690 V for combination switch + gG fuse maximum 5 kA • at 690 V for combination switch + gG fuse maximum 5 kA • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 440 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s design of the fuse link 6 for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required fuse gL/gG: 40 A • 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 32 A according UL 32 A operational current at AC according to UL 508/UL 60947-4-1 32 A coparting voltage at AC at 50/60 Hz according to UL 508/UL 600 V 600 V	hasp thickness of the bracket locks	4 8 mm
let-through current with closed switch 4.5 kA • at 240 V for combination switch + gG fuse maximum 4.5 kA • at 440 V for combination switch + gG fuse maximum 5 kA • at 690 V for combination switch + gG fuse maximum 5 kA permissible 5 kA 12t value with closed switch 9 kA2.s • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 440 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • design of the fuse link fuse gL/gG: 40 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A • operational current of upstream fuse rated value 40 A according UL 32 A operational current at AC according to UL 508/UL 600 V 60947-4-1 rated value 600 V 60947-4-1 rated value 20 active power [hp] at AC at 480 V according to UL 508/UL 20	·	4 8 mm
• at 240 V for combination switch + gG fuse maximum 4.5 kA • at 440 V for combination switch + gG fuse maximum 4.5 kA • at 690 V for combination switch + gG fuse maximum 5 kA I2t value with closed switch 9 kA2.s • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 440 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • of r short-circuit protection of the main circuit required fuse gL/gG: 40 A • 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 32 A • according UL 600	Short circuit conditional short-circuit current with line-side fuse	4 8 mm
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum b kA b at 240 V for combination switch + gG fuse maximum b kA b at 240 V for combination switch + gG fuse maximum b kA2.s c at 440 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c active power [hp] at AC at 480 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL 	Short circuit conditional short-circuit current with line-side fuse protection	
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum b kA b at 240 V for combination switch + gG fuse maximum b kA b at 240 V for combination switch + gG fuse maximum b kA2.s c at 440 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c at 690 V for combination switch + gG fuse maximum b kA2.s c active power [hp] at AC at 480 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL c active power [hp] at AC at 600 V according to UL 508/UL 	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value	
• at 690 V for combination switch + gG fuse maximum permissible 5 kA I2t value with closed switch 9 kA2.s • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 440 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 A according UL 32 A operational current at AC according to UL 508/UL 60947-4-1 32 A rated value 600 V 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch	50 kA
permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 440 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s design of the fuse link • for short-circuit protection of the main circuit required fuse gL/gG: 40 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 A according UL operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 6000 V 60	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum	50 kA 4.5 kA
• at 240 V for combination switch + gG fuse maximum9 kA2.s• at 440 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.sdesign of the fuse link9 kA2.s• for short-circuit protection of the main circuit requiredfuse gL/gG: 40 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value40 Aaccording UL0operational current at AC according to UL 508/UL 60947-4-1 rated value32 Aoperating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value600 Vactive power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	50 kA 4.5 kA 4.5 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum b kA2.s design of the fuse link for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required fuse gL/gG: 40 A for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 40 A according UL operating voltage at AC according to UL 508/UL 60947-4-1 active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL 20 	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 4.5 kA 4.5 kA
• at 690 V for combination switch + gG fuse maximum 9 kA2.s design of the fuse link fuse gL/gG: 40 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A • operational current of upstream fuse rated value 40 A according UL 0 operational current at AC according to UL 508/UL 60947-4-1 32 A operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value 20 active power [hp] at AC at 480 V according to UL 508/UL 20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 4.5 kA 4.5 kA
design of the fuse link for short-circuit protection of the main circuit required fuse gL/gG: 40 A for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 A according UL 40 A operational current at AC according to UL 508/UL 60947-4-1 32 A operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 600 V 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 20 active power [hp] at AC at 600 V according to UL 508/UL 20 20 active power [hp] at AC at 600 V according to UL 508/UL 20 20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • 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	50 kA 4.5 kA 4.5 kA 5 kA
 for short-circuit protection of the main circuit required fuse gL/gG: 40 A for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 A according UL operational current at AC according to UL 508/UL 60947-4-1 32 A operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20 	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum beta utility • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s
 • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 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 600 V 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20 	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 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 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 440 V for combination switch + gG fuse maximum	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s
 • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 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 600 V 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20 	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • 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 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	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s
operational current of upstream fuse rated value 40 A according UL 0 operational current at AC according to UL 508/UL 60947-4-1 32 A rated value 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 600 V active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 20 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value 20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 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 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	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s
according UL operational current at AC according to UL 508/UL 60947-4-1 32 A rated value 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V active power [hp] at AC at 480 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • 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 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	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 1 fuse gL/gG: 40 A
operational current at AC according to UL 508/UL 60947-4-1 32 A rated value 32 A operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value 20 active power [hp] at AC at 480 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • 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 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 combination switch + gG fuse maximum	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 1 fuse gL/gG: 40 A fuse gL/gG: 10 A
operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value 20 active power [hp] at AC at 480 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 240 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 • 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 • for s	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 1 fuse gL/gG: 40 A fuse gL/gG: 10 A
60947-4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 20	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 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 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 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 • for short-circuit protection of the main circuit required <td< td=""><td>50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s fuse gL/gG: 40 A fuse gL/gG: 10 A 40 A</td></td<>	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s fuse gL/gG: 40 A fuse gL/gG: 10 A 40 A
	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 440 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 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 • for s	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s fuse gL/gG: 40 A fuse gL/gG: 10 A 40 A 32 A
	Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 440 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 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 U for combination switch + gG fuse maximum • at 690 U for contex of the auxiliary switch required • fo	50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 10 A 10 A

short-time withstand current (SCCR) at 600 V according to	5 kA
UL 508/UL 60947-4-1	90 A
continuous current of upstream fuse according to UL rated value	80 A
type of fuse according to UL	RK5
connections	
AWG number as coded connectable conductor cross section solid maximum	
•	8
type of connectable conductor cross-sections for copper	14
conductor	
• solid	1x (1,516mm²)
 finely stranded with core end processing 	1x (1,510mm²)
stranded	1x (1,516mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
• finely stranded with core end processing	lateral auxiliary switch 2x (0,75 1,5mm ²), 1x 2,5mm ² ; front auxiliary switch 1x 2,5mm ²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
type of electrical connection	
• for main current circuit	box terminal
 for auxiliary contacts 	connection terminals
lechanical Design	
height	164 mm
width	100 mm
depth	118 mm
type of device	fixed mounting
fastening method	Complete unit in enclosure
fastening method	
 4-hole front mounting 	No
front mounting with central attachment	Yes
rail mounting	No
net weight	516 g
nvironmental conditions	
ambient temperature during operation	05 10
• minimum	-25 °C 55 °C
maximum	
 ambient temperature during storage minimum 	-25 °C
• maximum	-25 °C
pprovals Certificates	
General Product Approval	
(\mathfrak{m}) (SA) (F	
CCC CSA EG-Konf.	UL VDE
General Product Approval Test Certificat	es Marine / Shipping other
Miscellaneous Miscellaneo	us <u>Hovds</u> <u>Miscellaneous</u> <u>Confirmation</u>
ENL	LRS
Environment	

Further information

Information on the packaging

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

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2264-1TS53-0US2

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2264-1TS53-0US2

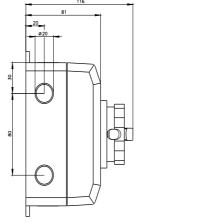
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2264-1TS53-0US2

CAx-Online-Generator

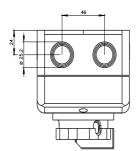
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







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