# SIEMENS

#### Data sheet

### 3LD2217-0TK13



SENTRON, switch disconnector 3LD, EMERGENCY OFF switch, 3-pole, Iu: 32 A, Operating power / at AC-23 A at 400 V: 11.5 kW, floor mounting with door coupling, defeatable knob-operated mechanism, red/yellow, 4-hole mounting of the handle

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	Floor mounting with door coupling	
design of the actuating element	selector switch	
color of the actuating element	red	
design of handle	knob-operated mechanism, red/yellow	
type of the driving mechanism motor drive	No	
General technical data		
number of poles	3	
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		
<ul> <li>at AC rated value</li> </ul>	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	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	
• at AC-21 A at 440 V rated value	32 A	

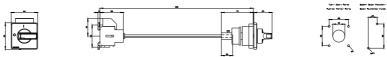
• # AC-23 A at 40 V rind value         2 A           • # AC-23 A d 24 V rind value         6 NV           • # AC-23 A d 24 V rind value         15 NV           • # AC-23 A d 40 V rind value         15 NV           • # AC-23 A d 40 V rind value         15 NV           • # AC-23 A d 40 V rind value         5 NV           • # AC-33 at 40 V rind value         5 NV           • # AC-33 at 50 V rind value         9 NV           • # AC-33 at 50 V rind value         9 NV           • # AC-33 at 50 V rind value         9 NV           • # AC-33 at 50 V rind value         9 NV           • # AC-33 at 50 V rind value         9 NV           • AC-33 at 50 V rind value         9 NV           • AC-33 at 50 V rind value         9 NV           • AC-33 at 50 V rind value         9 NV           • AC-33 at 50 V rind value         9 NV           • AC-33 at 50 V rind value         9 NV           • AC-33 at 50 V rind value         9 NV           • AC-33 at 50 V rind value         9 NV           • AC-34 V rind value         Ye S	a at AC 22 A at 400 V rated value	22 A
• AF-23 Ard 240 V roled value6 WV• AF-23 Ard 440 V roled value12 WV• AF-23 Ard 440 V roled value12 KV• AF-23 Ard 400 V roled value12 KV• AF-23 Ard 400 V roled value10 kV• AF-23 Ard 400 V roled value10 kV• AF-23 Ard 400 V roled value10 kV• AF-23 Ard 00 V roled value10 kV• AF-24 Ard 01 KF ard 01 kV10 kV	at AC-23 A at 400 V rated value	
• A A C 23 A at 400 Yind value2 KW• B A C 23 A at 400 Yind value15 KW• B A C 3 at 200 Yind value15 KW• B A C 3 at 200 Yind value15 KW• B A C 3 at 200 Yind value15 KW• B A C 3 at 200 Yind value15 KW• B A C 3 at 200 Yind value15 KW• B A C 3 at 200 Yind value10 KW• B A C 3 at 200 Yind value0 A• B A C 3 at 200 Yind value0 A• B A C 3 at 200 Yind value0 A• B A C 3 at 200 Yind value500 Y• B A C 3 at 200 Yind value500 Y• B A C 3 at 200 Yind value500 Y• B A C 3 at 200 Yind value500 Y• B A C 3 at 200 Yind value500 Y• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind valueYe 3• B A C 3 at 200 Yind ValueYe 3• B A C 3 at 200 Yind Ye 3Ye 3• B A C 3 at 200 Yind Ye 3Ye 3• B A C 3 at 200 Yind Ye 3Ye 3• B A C 3 at 200 Yind Ye 3Ye 3• B A C 3 at 200 Yind Ye 3Ye 3• B A C 3 at 200 Yind Ye 3Ye 3• B A C 3 at 200 Yind Ye 3Ye 3• B A C 3 at 200 Yind Ye 3Ye 3• B A C 3Ye 3• B A C 3 </td <td></td> <td>6 KM</td>		6 KM
• # AA-23A at #40 Vinate value15.8W• # AA-23A at #40 Vinate value5.8W• # AA-23 at #40 Vinate value5.8W• # AA-23 at #40 Vinate value0.8W• # AA-23 at #40 Vinate value0.8W• # AA-23 at #40 Vinate value0.1• # AA-23 at #40 Vinate valueVinate value• # AA * # AA-23 * * * * * * * * * * * * * * * * * * *		
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• * 1AC-3 at 400 Y rated value9 KWAutiary decay9 S kWAutiary decay0number of Contacts for auxiliary contacts0number of Contacts for auxiliary contacts0persitiry of age of auxiliary contacts at AC auxikum500 Vcontinuous current of the auxiliary contact and value500 Vautiability for use main switch500 Vsuitability for use switch disconnectorYesautiability for use switch disconnectorYessuitability for use safety switchYessuitability for use safety switchYes<		
• ait AG-3 at 800 V rated value         9.5 kW           Auxitary drcuit         0           number of NC contacts for auxiliary contacts         0           operating voltage of auxiliary contacts at AG maximum         500 V           continuous current of the auxiliary contact ated value         500 V           isuitability for use anitary sorting contacts at AG maximum         500 V           suitability for use anitary sorting contacts at AG maximum         500 V           suitability for use anitary sorting contacts at AG maximum         500 V           suitability for use anitary sorting contacts         Yes           product datasis on eptional         Yes           • onlogity tigger         No           • onlogity tigger         No           • anitor drive         3           • anitor drive         3           • anitor drive         3           • anitor drive         4		
Auxiliary circuit         0           number of CO contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           operating voltage of auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contact rated value         500 V           satiability for use which disconnector         Yes           satiability for use which disconnector         Yes           satiability for use switch disconnector         Yes           satiability for use which disconnector         Yes           satiability for use switch disconnector         Yes           satiability for use safty switch         Yes           product datability for use safty switch         Yes           satiability for use safty switch         Yes           product datability for use safty switch         Yes           satiability for use safty switch         Yes           auxiliary contacts for auxiliary contacts         So           number of connectable NC contacts for auxiliary contacts         So           number of connectable NC contacts for auxiliary contacts         So           number of connectable NC contacts for auxiliary contacts         So           number of connectable NC contacts for auxiliary contacts         So           sattachable maximum		
number of CO contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           operating voltage of auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contacts at AC maximum         500 V           subability for use and switch         Yes           autability for use and switch         Yes           autability for use and numecropal switch         Yes           subability for use and numecropal switch         Yes           product defails         No           product defails         No           product defails         No           product defails         No           umber of Contacts for auxiliary contacts         3           and of the         No           onlog tride         No           product defails         No           product defails         No           product defails         No           umber of contacts for auxiliary contacts         3           and the braces of the brackel lok O contacts for auxiliary contacts         5           defails         No         0           umber of contactals hold Contacts for auxiliary contacts		9.5 KW
number of NC contacts for auxiliary contacts         0           number of NO contacts for auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contact rated value         500 V           suitability for use main switch rated value         500 V           suitability for use switch disconnector         Yes           suitability for use safty switch         Yes           suitability for use safty switch         Yes           product fauture can be locked into CFF positon         Yes           product fauture can be locked into CFF positon         Yes           unmber of connectable NC contacts for auxiliary contacts         3           intoint drive         No           number of connectable NC contacts for auxiliary contacts         3           statebabile maximum         3           has thickness of the bracket locks         4		0
number of NO contacts for auxiliary contacts at C maximum         0           operating voltage of auxiliary contacts at C maximum         500 V           continuous current of the auxiliary contact rade value         500 V           suitability for use main switch rade value         500 V           suitability for use switch disconnector         Yes           product datalis         Product datalis           product stansion optional         Yes           product stansion optional         No           • notor drive         No           • oblage trigger         No           • notor drive         No           • oblage trigger         No           • notor drive         No           • otado V procentable NO contacts for auxiliary contacts         3           • number of connectable NO co		
operating voitage of auxiliary contacts at AC maximum500 Vcontinuous current of the auxiliary contact rated value10 Ainsulation voltage of the auxiliary contact rated value500 VSuitability or use main switch rated value500 VSuitability for use smitch disconnectorYessuitability for use switch disconnectorYessuitability for use switch disconnectorYessuitability for use smitch disconnectorYesproduct detailsYesproduct detailsYesproduct detailsYesproduct detailsNonotior driveNo• notior driveNo• notior driveSite auxiliary contacts• notior driveSite auxiliary contacts• notior driveNo• notior driveNo• notior driveSite auxiliary contacts• notior driveNo• notior driveSite auxiliary contacts• notior driveSite auxiliary contacts• notior driveNo• number of connectable NC contacts for auxiliary contactsSite auxiliary• auxiliary contactsSite auxiliary• auxiliary contactsSite auxiliary• auxiliary contactsSite auxiliary• number of rostacts locksA & mm• auxiliary contactsSite auxiliary• auxiliary cont	•	
continuous current of the auxiliary contact rated value         10 A           insuiation voltage of the auxiliary contact rated value         500 V           Suitability for use main switch         Yes           suitability for use switch disconnector         Yes           suitability for use switch disconnector         Yes           suitability for use switch disconnector for auxiliary contact set set set set set set set set set se	·	-
invalue         500 V           Suitability         Ves           suitability for use main switch         Yes           suitability for use switch disconnector         Yes           product detaile         Product detaile           product detaile         Immore of connectable NC contacts for auxiliary contacts           atccassories         3           number of connectable NC contacts for auxiliary contacts         5           attachable maximum         3           number of connectable Contacts for auxiliary contacts         3           attachable maximum         3           number of connectable NC contacts for auxiliary contacts         5           stort contacts         So contacts           stort contact         So contacts           stort contact         So contacts           stort contact         So contacts           stort contact         So contacts           stot dot vor contination switch + gG fuse maximum		
Suitability         Yes           suitability for use switch disconnector         Yes           suitability for use site disconnector         Yes           suitability for use safety switch         Yes           suitability for use maintenance/repair switch         Yes           product datus         Product datus           product datus can be locked into OFF position         Yes           accessories         No           product datus can be locked into OFF position         Yes           accessories         No           product datus can be locked into OFF position         Yes           accessories         No           number of connectable NC contacts for auxillary contacts         5           attachable maximum         3           number of connectable Cock of contacts for auxillary contacts         0           statchable maximum         3           nasp thickness of the bracket locks         4 & mm           Stord clout         50 KA           eat 600 V by gG fuse rated value         50 KA           eat 600 V by GG fuse rated value         50 KA           eat 600 V for combination switch + gG fuse maximum         4.5 kA           eat 600 V for combination switch + gG fuse maximum         9 kA2.s           edelign of the fuse	÷.	
sukability for use switch disconnector         Yes           sukability for use switch disconnector         Yes           sukability for use safety switch         Yes           sukability for use safety switch         Yes           sukability for use safety switch         Yes           product deature can be locked into QFF position         Yes           product deature can be locked into QFF position         Yes           product deature can be locked into QFF position         Yes           accessories         No           product deature can be locked into QFF position         Yes           accessories         No           number of connectable NC contacts for auxiliary contacts         3           number of connectable CO contacts for auxiliary contacts         5           attachable maximum         3           number of connectable CO contacts for auxiliary contacts         0           contidical short-circuit current with line-side fuse protection         0           conditional short-circuit current with line-side fuse protection         4.5 kA           • at 600 V for combination switch + gG fuse maximum         5 kA           • at 600 V for combination switch + gG fuse maximum         9 kA2.s           • at 600 V for combination switch + gG fuse maximum         9 kA2.s           • at 600 V for		500 V
suitability for use switch disconnector         Yes           suitability for use safety switch         Yes           product details         Yes           accessories         Yes           product extension optional         No           • molor drok         No           • notion drok         No           • number of connectable NC contacts for auxiliary contacts         5           • attachable maximum         3           number of bracket locks maximum         3           • attachable maximum         4           • at 800 V by Gr fuse rated value         50 kA           • at 800 V by Gr fuse rated value         50 kA           • at 800 V for combination switch + gG fuse maximum         4.5 kA           • at 800 V for combination switch + gG fuse maximum	Suitability	
suitability for use BMERGENCY OFF switch         Yes           suitability for use Baitergatery switch         Yes           product details         Yes           product extension optional         Yes           - motor drive         No           - worder dive         S           - worder dive         S <td< td=""><td>· · · · · · · · · · · · · · · · · · ·</td><td></td></td<>	· · · · · · · · · · · · · · · · · · ·	
suitability for use safety switch         Yes           suitability for use naintenance/repair switch         Yes           product detaure can be locked into OFF position         Yes           accessorios		
suitability for use maintenance/repair switch         Yes           Product dataise         Facture can be locked into OFF position         Yes           accessories         Product extension optional         No           • motor drive         No         No           • voltage trigger         No         No           number of connectable NC contacts for auxiliary contacts         5         Image: Connectable CO contacts for auxiliary contacts           number of connectable CO contacts for auxiliary contacts         0         Image: Connectable CO contacts for auxiliary contacts           oth connectable maximum         3         Image: Connectable CO contacts for auxiliary contacts           oth connectable maximum         3         Image: Connectable CO contacts for auxiliary contacts           oth connectable maximum         3         Image: Connectable CO contacts for auxiliary contacts           Short circuit         Conditional short-circuit current with line-side fuse         Conditional short-circuit current with line-side fuse           conditional short-circuit current with line-side fuse         ShA         Image: Conditional short-circuit current with line-side fuse maximum         4.5 kA           et at 200 V for combination switch + 2G fuse maximum         5 kA         Image: Conditional short-circuit protection of the maximum         9 kA2.s               et 3200 V for combination switch + 2G fuse maximum <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td>	· · · · · · · · · · · · · · · · · · ·	
Product details         Yes           product details         Yes           accessories         *           in motor drive         No           • woltaget rigger         No           number of connectable NC contacts for auxillary contacts attachable maximum         3           number of connectable NC contacts for auxillary contacts attachable maximum         5           number of connectable NC contacts for auxillary contacts attachable maximum         0           number of connectable NC contacts for auxillary contacts attachable maximum         3           hasp thickness of the bracket locks maximum         3           hasp thickness of the bracket locks maximum         4 6 mm           Stort circuit         50 KA           locttrough current with closed switch         4.5 KA           • at 200 V for combination switch + gG fuse maximum         4.5 KA           • at 200 V for combination switch + gG fuse maximum         5 KA           21 value with closed switch         9 kA2.s           • at 200 V for combination switch + gG fuse maximum         9 kA2.s           • at 200 V for combination switch + gG fuse maximum         9 kA2.s           • at 200 V for combination switch + gG fuse maximum         9 kA2.s           • at 200 V for combination switch + gG fuse maximum         9 kA2.s           •		
product feature can be locked into OFF position         Yes           accessories         product extension optional		Yes
accessories       product extension optional     No       • motor drive     No       • unables of connectable NC contacts for auxiliary contacts     3       number of connectable NC contacts for auxiliary contacts     3       number of connectable CC contacts for auxiliary contacts     5       attachable maximum     0       number of connectable CC contacts for auxiliary contacts     0       attachable maximum     3       number of bracket locks maximum     3       hasp thickness of the bracket locks     4 6 mm       Short circuit     5       conditional short-circuit current with line-side fuse protection     5 kA       et 4500 V by gG fuse rated value     50 kA       et 440 V for combination switch + gG fuse maximum     4.5 kA       • 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 240 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 240 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 c	Product details	
product extension optional     No       • motor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts attachable maximum     3       number of connectable NO contacts for auxiliary contacts attachable maximum     5       number of connectable CO contacts for auxiliary contacts attachable maximum     0       number of bracket locks maximum     3       hasp thickness of the bracket locks     46 mm       Short circuit     50 kA       itetthrough current with line-side fuse protection     50 kA       i at 400 V for combination switch + gG fuse maximum     4.5 kA       • at 680 V for combination switch + gG fuse maximum     5 kA       • 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 240 V for combination switch + gG fuse maximum     9 kA2.s       • at 440 V for combination switch + gG fuse maximum     9 kA2.s       • at 440 V for combination switch + gG fuse maximum     9 kA2.s       • at 680 V for combination switch + gG fuse maximum     9 kA2.s       • at 680 V for combination switch + gG fuse maximum     9 kA2.s       • at 680 V for combination switch + gG fuse maximum     9 kA2.s       • at 680 V for combination switch + gG fuse maximum     9 kA2.s       • at 680 V for combination switch + gG fuse maximum <td>product feature can be locked into OFF position</td> <td>Yes</td>	product feature can be locked into OFF position	Yes
• motor driveNo• voltage triggerNonumber of connectable NC contacts for auxiliary contacts attachable maximum3number of connectable NC contacts for auxiliary contacts attachable maximum5number of connectable CO contacts for auxiliary contacts attachable maximum0number of connectable CO contacts for auxiliary contacts attachable maximum0number of bracket locks maximum3namber of bracket locks maximum3hasp thickness of the bracket locks4 6 mmShort circuit50 kAferthrough current with line-side fuse protection50 kAetal 600 V by gG fuse rated value50 kAferthrough current with closed switch4.5 kA• at 600 V for combination switch + gG fuse maximum et at 600 V for combination switch + gG fuse maximum et at 600 V for combination switch + gG fuse maximum et at 600 V for combination switch + gG fuse maximum et at 600 V for combination switch + gG fuse maximum et at 600 V for combination switch + gG fuse maximum et at 600 V for combination switch + gG fuse maximum et at 600 V for combination switch + gG fuse maximum 	accessories	
• voltage triggerNonumber of connectable NC contacts for auxiliary contacts attachable maximum3number of connectable OC contacts for auxiliary contacts attachable maximum0number of connectable CO contacts for auxiliary contacts attachable maximum0number of bracket locks maximum3hasp thickness of the bracket locks46 mmShort circuit5conditional short-circuit current with line-side fuse protection5• at 650 V by gG fuse rated value50 kAletthrough current with closed switch4.5 kA• at 240 V for combination switch + gG fuse maximum e at 4600 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e at 440 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination switch + gG fuse maximum e ta 420 V for combination sw	product extension optional	
number of connectable NC contacts for auxiliary contacts attachable maximum       3         number of connectable NO contacts for auxiliary contacts attachable maximum       5         number of connectable CO contacts for auxiliary contacts attachable maximum       0         number of bracket locks maximum       3         hasp thickness of the bracket locks       4 6 mm         Short circuit       5         conditional short-circuit current with line-side fuse protection       50 kA         iet 480 V by gG fuse rated value       50 kA         iet 440 V for combination switch + gG fuse maximum       4.5 kA         • at 890 V for combination switch + gG fuse maximum       5 kA         permissible       5 kA         Iz 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 800 V for combination switch + gG fuse maximum       9 kA2.s         • at 800 V for combination switch + gG fuse maximum       9 kA2.s         • at 800 V for combination switch + gG fuse maximum       9 kA2.s         • at 800 V for combination switch + gG fuse maximum       9 kA2.s         • at 800 V for combination switch + gG fuse maximum       9 kA2.s         • at 800 V for combination switch + gG fuse maximum	motor drive	No
attachable maximum         5           number of connectable OC contacts for auxiliary contacts         5           number of connectable CO contacts for auxiliary contacts         0           number of bracket locks maximum         3           hasp thickness of the bracket locks         4 6 mm           Short circuit         5           conditional short-circuit current with line-side fuse protection         50 kA           e at 680 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 240 V for combination switch + gG fuse maximum         5 kA           e at 240 V for combination switch + gG fuse maximum         5 kA           e at 240 V for combination switch + gG fuse maximum         5 kA           e at 240 V for combination switch + gG fuse maximum         5 kA           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 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 240 V for combination switch + gG fuse maximum         9 kA2.s           e design of the fuse link	voltage trigger	No
attachable maximum         Image: origon of connectable CO contacts for auxiliary contacts attachable maximum         0           number of bracket locks maximum         3           hasp thickness of the bracket locks         46 mm           Short circuit         Conditional short-circuit current with line-side fuse protection           • at 600 V by gG fuse rated value         50 kA           I et-through current with closed switch         4.5 kA           • at 400 V for combination switch + gG fuse maximum         4.5 kA           • at 400 V for combination switch + gG fuse maximum         5 kA           • at 400 V for combination switch + gG fuse maximum         9 kA2.s           • at 400 V for combination switch + gG fuse maximum         9 kA2.s           • at 400 V for combination switch + gG fuse maximum         9 kA2.s           • at 400 V for combination switch + gG fuse maximum         9 kA2.s           • at 400 V for combination switch + gG fuse maximum         9 kA2.s           • at 400 V for combination switch + gG fuse maximum         9 kA2.s           • at 6800 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 auxiliary switch required         fuse gL/gG: 10 A           operational current of upstream fuse carording to UL 508/UL         600 V		3
attachable maximum3number of bracket locks maximum3hasp thickness of the bracket locks4 6 mmShort circuitconditional short-circuit current with line-side fuse protection• at 680 V by gG fuse rated value50 kAlet-through current with closed switch4.5 kA• at 240 V for combination switch + gG fuse maximum4.5 kA• at 440 V for combination switch + gG fuse maximum5 kA• at 240 V for combination switch + gG fuse maximum5 kA• at 240 V for combination switch + gG fuse maximum5 kA• at 240 V for combination switch + gG fuse maximum9 kA2.s• at 240 V for combination switch + gG fuse maximum9 kA2.s• at 240 V for combination switch + gG fuse maximum9 kA2.s• at 440 V for combination switch + gG fuse maximum9 kA2.s• at 490 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse fuse fuse fuse fuse fuse fuse fuse		5
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       50 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 420 V for combination switch + gG fuse maximum       5 kA         • at 420 V for combination switch + gG fuse maximum       5 kA         • at 420 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         design of the fuse link       fuse gL/gG: 40 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         • perational current of upstream fuse rated value       40 A         according UL       operational current at AC according to UL 508/UL         600 V       600 V         60947-4-1 rated value <td< td=""><td>•</td><td>0</td></td<>	•	0
Short circuit         conditional short-circuit current with line-side fuse protection       50 kA         let-through current with closed switch       50 kA         e at 240 V for combination switch + gG fuse maximum       4.5 kA         e at 240 V for combination switch + gG fuse maximum       4.5 kA         e at 240 V for combination switch + gG fuse maximum       5 kA         e at 240 V for combination switch + gG fuse maximum       5 kA         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 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 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         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         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	number of bracket locks maximum	3
conditional short-circuit current with line-side fuse protection       50 kA         let-through current with closed switch       50 kA         eat 240 V for combination switch + gG fuse maximum       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 420 V for combination switch + gG fuse maximum       5 kA         • 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 240 V for combination switch + gG fuse maximum       9 kA2.s         • at 240 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         • for short-circuit protection of the main circuit required       fuse gL/gG: 40 A         • for short-circuit protection of the auxiliary switch required       600 A         according UL       000 V		4 6 mm
protection       50 kA         et 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 440 V for combination switch + gG fuse maximum       5 kA         • at 690 V for combination switch + gG fuse maximum       5 kA         • 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 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         • 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 at AC according to UL 508/UL       600 V         60947-4-1 rated value       600 V         60947-4-1 rated value       600 V         60947-4-1 rated value       20 <t< td=""><td>Short circuit</td><td></td></t<>	Short circuit	
let-through current with closed switch4.5 kA• at 240 V for combination switch + gG fuse maximum4.5 kA• at 440 V for combination switch + gG fuse maximum5 kA• at 690 V for combination switch + gG fuse maximum5 kA• at 240 V for combination switch + gG fuse maximum9 kA2.s• at 240 V for combination switch + gG fuse maximum9 kA2.s• 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.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.sdesign of the fuse linkfuse gL/gG: 40 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• operational current of upstream fuse rated value40 Aaccording UL32 Aoperating voltage at AC at 50/60 Hz according to UL 508/UL600 V60947-4-1 rated value20active power [hp] at AC at 480 V according to UL 508/UL2060947-4-1 rated value20		
• at 240 V for combination switch + gG fuse maximum4.5 kA• at 440 V for combination switch + gG fuse maximum permissible5 kA• at 690 V for combination switch + gG fuse maximum permissible5 kA• 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 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 • b kA2.s9 kA2.sdesign 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 A32 Aoperational current at AC according to UL 508/UL 	• at 690 V by gG fuse rated value	50 kA
• at 440 V for combination switch + gG fuse maximum permissible4.5 kA• at 690 V for combination switch + gG fuse maximum permissible5 kA/2t value with closed switch9 kA2.s• 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 • kA2.s9 kA2.s• 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 subscription • for short-circuit protection of the subscription • for short-circuit protection of the sold value •	let-through current with closed switch	
• at 690 V for combination switch + gG fuse maximum permissible5 kAI2t value with closed switch9 kA2.s• 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.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• design of the fuse link•• 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 A• operational current of upstream fuse rated value40 Aaccording ULoperational current at AC according to UL 508/UL 60947-4-1 rated value600 V• operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value20active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value20	• at 240 V for combination switch + gG fuse maximum	4.5 kA
permissibleI2t value with closed switch• 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 link• for short-circuit protection of the main circuit required• for short-circuit protection of the auxiliary switch required• according ULoperational current at AC according to UL 508/UL 60947-4-10 operating voltage at AC at 50/60 Hz according to UL 508/UL600 V60947-4-1 rated valueactive power [hp] at AC at 480 V according to UL 508/UL60947-4-1 rated valueactive power [hp] at AC at 600 V according to UL 508/UL60947-4-1 rated value	• at 440 V for combination switch + gG fuse maximum	4.5 kA
<ul> <li>at 240 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 690 V for combination switch + gG fuse maximum</li> <li>bat 74.1 rated value</li> </ul>		5 kA
• 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 A• operational current of upstream fuse rated value40 Aaccording UL9operational current at AC according to UL 508/UL 60947-4-132 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 value20active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value20	I2t value with closed switch	
• at 690 V for combination switch + gG fuse maximum9 kA2.sdesign of the fuse linkfuse gL/gG: 40 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value40 Aaccording UL32 Aoperational current at AC according to UL 508/UL 60947-4-132 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 value20active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value20	• at 240 V for combination switch + gG fuse maximum	9 kA2.s
design of the fuse linkfuse gL/gG: 40 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value40 Aaccording ULoperational current at AC according to UL 508/UL 60947-4-1operating voltage at AC at 50/60 Hz according to UL 508/UL600 V60947-4-1 rated value20active power [hp] at AC at 480 V according to UL 508/UL2060947-4-1 rated value20	• at 440 V for combination switch + gG fuse maximum	9 kA2.s
<ul> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 40 A</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> <li>40 A</li> <li>according UL</li> <li>operational current at AC according to UL 508/UL 60947-4-1</li> <li>according voltage at AC at 50/60 Hz according to UL 508/UL</li> <li>60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL</li> <li>active power [hp] at AC at 600 V according to UL 508/UL</li> <li>20</li> </ul>	• at 690 V for combination switch + gG fuse maximum	9 kA2.s
• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value40 Aaccording UL32 Aoperational 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 value20active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value20	design of the fuse link	
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	<ul> <li>for short-circuit protection of the main circuit required</li> </ul>	fuse gL/gG: 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       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	<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	fuse gL/gG: 10 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 ∨         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         60947-4-1 rated value       20	operational current of upstream fuse rated value	40 A
rated value       operating voltage at AC at 50/60 Hz according to UL 508/UL       600 V         60947-4-1 rated value       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	according UL	
60947-4-1 rated value       20         active power [hp] at AC at 480 V according to UL 508/UL       20         60947-4-1 rated value       20         active power [hp] at AC at 600 V according to UL 508/UL       20         60947-4-1 rated value       20		32 A
60947-4-1 rated value       20         active power [hp] at AC at 600 V according to UL 508/UL       20         60947-4-1 rated value       20		600 V
60947-4-1 rated value		20
short-time withstand current (SCCR) at 600 V according to 5 kA		20
	about time withotond ourrent (SCCP) at 600 V according to	5 kA

UL 508/UL 60947-4-1	_
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
•	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (1,516mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	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 <sup>2</sup> ), 1x 4mm <sup>2</sup> ; front auxiliary switch 1x (0,75 2,5mm <sup>2</sup> )
• finely stranded with core end processing	lateral auxiliary switch 2x (0,75 1,5mm <sup>2</sup> ), 1x 2,5mm <sup>2</sup> ; front auxiliary switch 1x 2,5mm <sup>2</sup>
• stranded	lateral auxiliary switch 2x (0,75 2,5mm <sup>2</sup> ), 1x 4mm <sup>2</sup> ; front auxiliary switch 1x (0,75 2,5mm <sup>2</sup> )
type of electrical connection	
for main current circuit	box terminal
<ul> <li>for auxiliary contacts</li> </ul>	connection terminals
Mechanical Design	
height	79 mm
width	67 mm
depth	385 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
<ul> <li>4-hole front mounting</li> </ul>	Yes
<ul> <li>front mounting with central attachment</li> </ul>	No
<ul> <li>rail mounting</li> </ul>	Yes
net weight	391 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	EMV
CE UK Confirmation	
	02
Marine / Shipping	other Environment
	Confirmation <u>Miscellaneous</u> <u>Environmental Con</u> <u>firmations</u>
Industrial Communication	

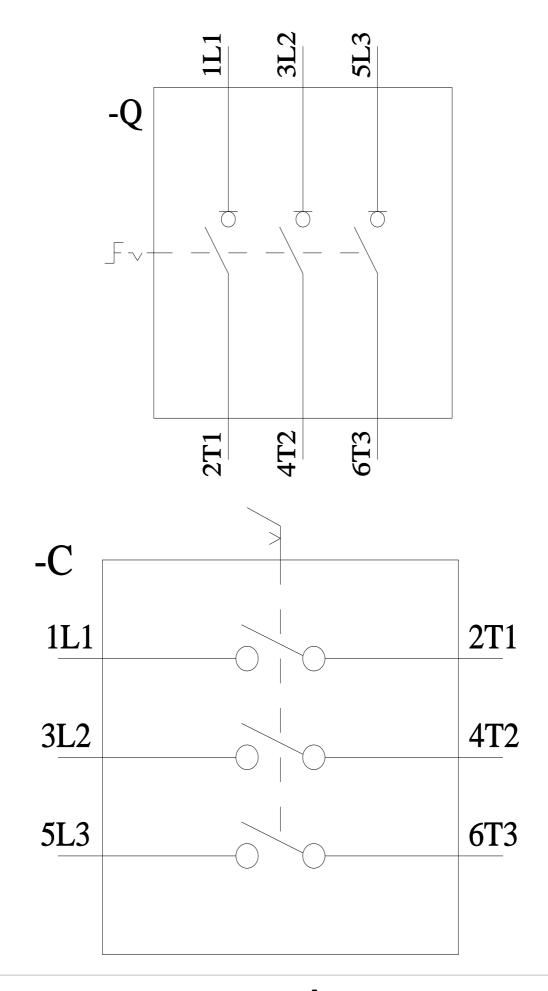


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