# SIEMENS

#### Data sheet

### 3LD2517-0TK13



SENTRON, switch disconnector 3LD, EMERGENCY OFF switch, 3-pole, lu: 63 A, Operating power / at AC-23 A at 400 V: 22 kW, floor mounting with door coupling, defeatable knob-operated mechanism, 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	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	4.5 W		
Main circuit			
operational current			
• at AC-21 at 690 V rated value	63 A		
• at AC-21 A at 240 V rated value	63 A		
• at AC-21 A at 400 V rated value	63 A		
• at AC-21 A at 440 V rated value	63 A		
<ul> <li>at AC-23 A at 400 V rated value</li> </ul>	43 A		

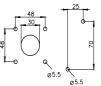
• af A-23 A at 240 V relat value     11 WV       • af A-23 A at 400 Vrated value     22 WV       • af A-23 A at 400 Vrated value     22 WV       • af A-23 A at 400 Vrated value     11 WV       • af A-23 A at 400 Vrated value     11 WV       • af A-23 A at 400 Vrated value     11 WV       • af A-23 at 400 Vrated value     11 WV       • af A-23 at 400 Vrated value     11 WV       • af A-23 at 400 Vrated value     11 WV       • af A-23 at 400 Vrated value     11 WV       • af A-23 at 400 Vrated value     10 WV       • af A-23 at 400 Vrated value     10 WV       • af A-23 at 400 Vrated value     0       • af A-23 at 400 Vrated value     10 A       • af A-23 at 400 Vrated value     0       • af A-23 at 400 Vrated value     500 V       • af A-23 at 400 Vrated value     500 V       • af A-23 at 400 Vrated value     500 V       • af A-23 at 400 Vrated value     500 V       • af A-23 at 400 Vrated value     500 V       • af A-23 at 400 Vrated value     500 V       • af A-23 at 400 Vrated value     500 V       • af A-23 at 400 Vrated value     500 V       • af A-23 at 400 Vrated value     500 V       • af A-23 At 400 Vrated value     50 Vrated value       • af A-23 At 400 Vrated value     50 Vrated value       • a		
extra A-23 A pt 400 Y rated value     22 WV       ext A-23 A pt 800 V rated value     19 kW       ext A-23 A pt 800 V rated value     19 kW       ext A-23 at 200 V rated value     19 kW       ext A-23 at 200 V rated value     19 kW       ext A-23 at 200 V rated value     19 kW       ext A-23 at 200 V rated value     19 kW       ext A-23 at 200 V rated value     19 kW       ext A-23 at 200 V rated value     19 kW       ext A-23 at 200 V rated value     0       number of OC contexts for axiliary contexts     0       operating values of the axiliary context     00 V       contracts for axiliary context     00 V       contracts for axiliary context     00 V       extability     10 A       extability for use     900 V       extability of use	operating power	44 1301
<ul> <li>e. A. C23 A at 440 Visited value</li> <li>e. A. C23 A at 440 Visited value</li> <li>e. A. C23 A at 400 Visited value</li> <li>e. A. C23 At 400 Visited value</li> <li>e. A. C23 At 400 Visited value</li> <li>e. A. C23 At 400 Visited value</li> <li>f. A. C24 At 400 Visite</li></ul>		
• IA A-C23 A # 600 V rade value     19.WV       • IA A-C2 at 240 V rade value     19.WV       • IA A-C2 at 240 V rade value     19.WV       • IA A-C2 at 600 V rade value     19.WV       • IA A-C2 at 600 V rade value     19.WV       • AraC2 at 600 V rade value     0       • number of CC contacts for auxiliary contact     0       • number of NC contacts for auxiliary contact     0       • contacts of auxiliary contact     0.A       • radio for auxiliary contact at AC maximum     500 V       • contacts of auxiliary contact at AC maximum     500 V       • suitch disconnector     Yes       • walk disconnector     Yes       • contact for auxiliary contact     Yes       • radio faulter can be locked into CFF postion     Yes       • costage trigger     No       • runber of nonectable NC contacts for auxiliary contacts     1       • runber of concactable NC contacts for auxiliary contacts     1       • runber of concactable NC contacts for auxiliary contacts     1       • runber of concactable NC contacts for auxiliary contacts     1       • runber of concactable NC contacts f		
<ul> <li>af AC3 at 240 Y rated value</li> <li>11 WV</li> <li>af AC3 at 690 Y rated value</li> <li>15 KV</li> <li>Auxiliary carcuit</li> <li>number of CC contacts for auxiliary contacts</li> <li>0</li> <li>0</li> <li>operating voltage of auxiliary contacts</li> <li>0</li> <li>contacts for auxiliary contact at AC3 at 690 V rated value</li> <li>00 V</li> <li>contacts for auxiliary contact at AC3 at AC3 at AC3 at AC4 at</li></ul>		
••••••••••••••••••••••••••••••••••••		
• at AC3 at 600 V rated value         15 kW           Auxiliary circuit         0           number of NC contacts for auxiliary contacts         0           operating valuage of the auxiliary contact rate value         10 A           insultation valuage of the auxiliary sultch rate value         500 V           Statishifty         sultability           sultability         sultability           Statishifty         valuage of the auxiliary sultch rated value           Statishifty         valuage of the auxiliary sultch rated value           Statishifty         valuage of the auxiliary sultch rated value           Product datalis         product feature can be locked into OFF position           Yes         scatistrici           product feature can be locked into OFF position         Yes           accassicitis         product feature can be locked into OFF position           number of conscatche No contacts for auxiliary contacts         3           number of conscatche No contacts for auxiliary contacts         3           number of conscatche No contacts for auxiliary		
Junifiery circuit         0           number of CO contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           operating voltage of auxiliary contact at AC maximum         500 V           continuous current of the auxiliary contact for auxiliary contacts           Product details         Yes           product for auxiliary contacts for auxiliary contacts         3           auxiliary contacts for auxiliary contacts         3           number of connectable NC contacts for auxiliary contacts         5           number of connectable NC contacts for auxiliary contacts         5           number of connectable NC contacts for auxiliary contacts         5           number of connectable NC contacts for auxiliary contacts         5           number of connectable NC contacts for auxiliary contacts         5           number of connectable NC contacts for auxiliary contacts         5           number of connectable NC contacts		
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           subability         748 S           - Safet Switch         Yes           - Safet Switch         Yes           product details         748 S           product details         75 S           number of connectable NC contacts for auxiliary contacts         5           number of connectable NC contacts for auxiliary contacts         5           numbe	<ul> <li>at AC-3 at 690 V rated value</li> </ul>	15 kW
number of NC contacts for auxiliary contacts         0           questering voltage of auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contact at AC maximum         500 V           stability         10 A           stability         500 V           stability         700 V           stability         700 V           product datase         700 V           stability         700 V           product datase         700 V           stability	Auxiliary circuit	
number of NO contacts for auxiliary contacts at AC maximum         500 V           continuous current of the auxiliary contacts at AC maximum         500 V           suitability for use         500 V           • main switch         500 V           suitability for use         500 V           • main switch         Yes           • switch disconnector         Yes           • safety switch         Yes           • safety switch         Yes           • adatability         Yes           • safety switch         Yes           • adatability         Yes           • adatability for use         ************************************	number of CO contacts for auxiliary contacts	0
operating voltage of auxiliary contacts at AC maximum         600 V           continuous summent of the auxiliary contacts and value         10 A           instruction voltage of the auxiliary soutch meter value         500 V           Suitability         suitability for use           • suitch disconnector         Yes           • suitch disconnector         Yes           • suitch disconnector         Yes           • andrey switch         Yes           • andrey switch         Yes           • andrey switch         Yes           • mole cache locked into OFF position         Yes           accessories         product fasteries cache locked into OFF position           • mole rotates for auxiliary contacts of auxiliary contacts         3           attachable maximum         No           • undor drive         No           • undor drive         No           • undor drive         No           • undor drive         No           • attachable maximum         3           attachable maximum         3           attachable maximum         3           attachable maximum         4           • at 690 V by G S use rated value         50 kA           • at 400 V for combination switch + g G f use maximum	number of NC contacts for auxiliary contacts	0
continuous current of the auxiliary contact rated value     500 V       Suitability     748 S       Suitability     500 V       Suitability     748 S       No     748 S    <	number of NO contacts for auxiliary contacts	0
Insuliar voltage of the auxiliary switch rated value     500 V       Stitability     Stitability       Imain switch     Yes       Product details     Product details       product details     Product details       product details     No       Imain switch     No       Imain switch     Yes       accessords     No       Imain switch     O       Imain switch     Site       Imain switch <td< td=""><td>operating voltage of auxiliary contacts at AC maximum</td><td>500 V</td></td<>	operating voltage of auxiliary contacts at AC maximum	500 V
Suitability                suitability             for use	continuous current of the auxiliary contact rated value	10 A
suitability for use  • main switch • switch disconnector • Yes • ExtERQENCY OFF switch • safety switch • safety switch • realistemanological • main data context (at the switch • Yes • main • The for combination switch • Yes • Main • The for combination switch • Yes • Main • The for combination switch • Yes • So the switch • Yes • Main • The for combination switch • Yes • So the switch • Yes • The So th • Yes • Ye	insulation voltage of the auxiliary switch rated value	500 V
main switch     switch disconnector     Yes     switch disconnector     Yes     Wes     Suffex Server SF switch     Yes     vales year Server Server     reduct feature can be locked into OFF position     Yes     Product deataris     product feature can be locked into OFF position     Yes     Product extension optional     ontor drive     No     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 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     aution of the auxiliary contacts     for connectable NC contacts for auxiliary contacts     attachable maximum     aution of the auxiliary contacts     for annet of connectable NC contacts for auxiliary contacts     for theratek locks     auxiliary contacts     for annet of connectable NC contacts for auxiliary contacts     for theratek locks     auxiliary contacts     for annet of connectable NC contacts for auxiliary contacts     for theratek locks     auxiliary contacts     for annet of connectable NC contacts for auxiliary contacts     for theratek locks     auxiliary contacts     for annet of connectable Reservent     for some disting theratek locks     auxiliary contacts     for annet of connectable Reservent     for annet with docade switch     at 460 V for combination switch + 9G fuse maximum     fix A240 V for combination switch + 9G fuse maximum     fix A240 V for combination switch + 9G fuse maximum     at 460 V for combination switch + 9G fuse maximum     fix A240 V for combination switch + 9G fuse maximum     fix A240 V for combination switch + 9G fu	Suitability	
Switch disconnector     Ves     ENERCENCY OFF switch     Yes     asafey switch     Yes     inditenance/repair switch     Yes     Product details     product extension optional     motor drive     number of connectable NC contacts for auxiliary contacts     atachable maximum     number of connectable NC contacts for auxiliary contacts     atachable maximum     number of connectable NC contacts for auxiliary contacts     atachable maximum     number of connectable NC contacts for auxiliary contacts     atachable maximum     number of connectable NC contacts for auxiliary contacts     atachable maximum     number of connectable NC contacts for auxiliary contacts     atachable maximum     atata	suitability for use	
EMERGENCY OFF switch     safety switch     ves     safety switch     ves	main switch	Yes
EMERGENCY OFF switch     safety switch     ves     safety switch     ves		
earlety switch Yes     emaintenance/repair switch Yes Product deals  product feature can be locked into OFF position Yes  ecosories  product statism optional     emotor drive No     voltage trigger No     mumber of connectable NC contacts for auxiliary contacts     attachable maximum     mumber of connectable NC contacts for auxiliary contacts     attachable maximum     mumber of connectable NC contacts for auxiliary contacts     attachable maximum     mumber of connectable NC contacts for auxiliary contacts     attachable maximum     constraint NC     interference     constraint NC     interevent NC     interference     constraint N		
maintenance/repair switch     Yes  Product details  Product details  product extension optional      oritor drive      woltage trigger     No      voltage     vo		
Product data/ product feature can be locked into OFF position         Yes           cccssories         • motor drive         No           • woldage trigger         No         • notor drive           • woldage trigger         No         • notor drive           number of connectable NC contacts for auxillary contacts         3         3           attachable maximum         1         5           number of connectable CO contacts for auxillary contacts         0           attachable maximum         3           number of connectable CO contacts for auxillary contacts         0           attachable maximum         3           hasp thickness of the bracket locks         4 6 mm           Short circuit         50 kA           Iet-Hrough current with line-side fuse protection         • at 600 V br combination switch + gG fuse maximum           • at 440 V for combination switch + gG fuse maximum         6 kA           • at 440 V for combination switch + gG fuse maximum         6 kA           • at 440 V for combination switch + gG fuse maximum         21 kA2.s           • at 440 V for combination switch + gG fuse maximum         21 kA2.s           • at 440 V for combination switch + gG fuse maximum         21 kA2.s           • at 440 V for combination switch + gG fuse maximum         21 kA2.s           <	-	
product feature can be locked into OFF position         Yes           product extension optional         •           product extension optional         No           • notor drive         •           • undber of connectable NC contacts for auxiliary contacts         3           attachable maximum         3           number of connectable NO contacts for auxiliary contacts         5           attachable maximum         3           number of connectable CO contacts for auxiliary contacts         0           attachable maximum         3           number of bracket locks maximum         3           number of bracket locks maximum         3           foot circuit         conditional short-circuit current with line-side fuse protection           • at 800 V by gG fuse rated value         50 kA           felt-through current with cloads which + gG fuse maximum         6 kA           • at 240 V for combination switch + gG fuse maximum         6 kA           • at 240 V for combination switch + gG fuse maximum         21 kA2.s           • at 440 V for combination switch + gG fuse maximum         21 kA2.s           • at 240 V for combination switch + gG fuse maximum         21 kA2.s           • at 8600 V for combination switch + gG fuse maximum         21 kA2.s           • at 640 V for combination switch + gG fuse		
sccsssories         product extension optional         • motor drive       No         • under of connectable NC contacts for auxiliary contacts       3         number of connectable NC contacts for auxiliary contacts       5         attachable maximum       3         number of connectable CO contacts for auxiliary contacts       0         attachable maximum       3         number of connectable CO contacts for auxiliary contacts       0         attachable maximum       3         number of connectable CO contacts for auxiliary contacts       0         attachable maximum       3         hasp thickness of the bracket locks maximum       3         hasp thickness of the bracket locks maximum       4 6 mm         Short circuit       50 kA         lett-through current with line-side fuse protection       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       6 fuse maximum         • or short-circuit protection of the main circuit required       fuse gL/gG: 63 A         • or short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A		Vec
product extension optional         No           • motor drive         No           • woltage trigger         No           number of connectable NC contacts for auxiliary contacts attachable maximum         3           number of connectable CO contacts for auxiliary contacts attachable maximum         5           number of connectable CO contacts for auxiliary contacts attachable maximum         0           number of bracket locks maximum         3           number of bracket locks maximum         3           hasp thickness of the bracket locks         4 6 mm           Short circuit         50 kA           let-through current with line-side fuse protection • at 400 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 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 600 V for ombination switch + gG fuse maximum • at 600 V for ombination switch + gG fuse maximum • at 600 V for ombination of the maximit required • for short-circuit protection of the maximit required • for short-circui		
• motor drive     No       • voltage trigger     No       number of connectable NC contacts for auxiliary contacts     3       attachable maximum     5       number of connectable NC contacts for auxiliary contacts     5       attachable maximum     0       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     3       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     3       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     3       number of connectable CO contacts for auxiliary contacts     0       attachable maximum     3       number of connectable CO contacts for auxiliary contacts     4 6 mm       Short circuit     5       conditional short-circuit current with line-side fuse protection     5       • at 440 V for combination switch + gG fuse maximum     6 kA       • at 440 V for combination switch + gG fuse maximum     6 kA       • at 440 V for combination switch + gG fuse maximum     21 kA2.s       • at 440 V for combination switch + gG fuse maximum     21 kA2.s       • at 490 V for combination switch + gG fuse maximum     21 kA2.s       • at 490 V for combination switch + gG fuse maximum     21 kA2.s       • or short-circuit protection of the auxiliary switch requir		
• voltage trigger         No           number of connectable NC contacts for auxiliary contacts         3           number of connectable NO contacts for auxiliary contacts         5           attachable maximum         0           number of connectable CO contacts for auxiliary contacts         0           attachable maximum         0           number of connectable CO contacts for auxiliary contacts         0           attachable maximum         3           number of connectable CO contacts for auxiliary contacts         0           attachable maximum         3           number of connectable CO contacts for auxiliary contacts         0           attachable maximum         3           number of bracket locks maximum         3           hasp thickness of the bracket locks         4 6 mm           Stort circuit         50 kA           letthrough current with losed switch         6           e at 240 V for combination switch + gG fuse maximum         6 kA           e at 240 V for combination switch + gG fuse maximum         21 kA2.s           e at 40 V for combination switch + gG fuse maximum         21 kA2.s           e at 40 V for combination switch + gG fuse maximum         21 kA2.s           e at 40 V for combination switch + gG fuse maximum         21 kA2.s		A la
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 NO contacts for auxiliary contacts attachable maximum       0         number of connectable NO contacts for auxiliary contacts attachable maximum       3         number of bracket locks maximum       3         hasp thickness of the bracket locks       4 6 mm         Short circuit       50 kA         conditional short-circuit current with line-side fuse protection       6 kA         eat 400 V for combination switch + gG fuse maximum       6 kA         eat 240 V for combination switch + gG fuse maximum       6 kA         eat 440 V for combination switch + gG fuse maximum       6 kA         eat 440 V for combination switch + gG fuse maximum       21 kA2.s         eat 440 V for combination switch + gG fuse maximum       21 kA2.s         eat 680 V for combination switch + gG fuse maximum       21 kA2.s         eat 680 V for combination switch + gG fuse maximum       21 kA2.s         eat 680 V for combination switch + gG fuse maximum       21 kA2.s         eat 680 V for combination switch + gG fuse maximum       21 kA2.s         eat 680 V for combination switch + gG fuse maximum       21 kA2.s         eat 680 V for combination switch + gG fuse maximum		
attachable maximum       5         number of connectable NO 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         Shot circuit       50 kA         conditional short-circuit current with line-side fuse protection       6 kA         • at 260 V by gG fuse rated value       50 kA         let-through current with closed switch       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         121 value with closed switch       •         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         iat 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V		
attachable maximum       0         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       50 kA         entitional short-circuit current with line-side fuse protection       50 kA         et 4690 V by gG fuse rated value       50 kA         let-through current with closed switch       6 kA         et 4240 V for combination switch + gG fuse maximum       6 kA         et 4260 V for combination switch + gG fuse maximum       6 kA         et 4240 V for combination switch + gG fuse maximum       6 kA         et 4240 V for combination switch + gG fuse maximum       21 kA2.s         it 4240 V for combination switch + gG fuse maximum       21 kA2.s         et 4240 V for combination switch + gG fuse maximum       21 kA2.s         et 440 V for combination switch + gG fuse maximum       21 kA2.s         et 440 V for combination switch + gG fuse maximum       21 kA2.s         et 460 V for combination switch + gG fuse maximum       21 kA2.s         et 600 V for combination switch + gG fuse maximum       21 kA2.s         et 600 V for combination switch + gG fuse maximum       21 kA2.s         et 600 V for combination switch + gG fuse maximum       21 kA2.s <td< td=""><td>attachable maximum</td><td>3</td></td<>	attachable maximum	3
attachable maximum       3         namber of bracket locks maximum       3         hasp thickness of the bracket locks       4 6 mm         Short circuit       conditional short-circuit current with line-side fuse protection         • at 690 V by gG fuse rated value       50 kA         let-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       63 A         accord	attachable maximum	
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     6 kA       • at 240 V for combination switch + gG fuse maximum     6 kA       • at 890 V for combination switch + gG fuse maximum     6 kA       • at 800 V for combination switch + gG fuse maximum     6 kA       • at 800 V for combination switch + gG fuse maximum     6 kA       • at 800 V for combination switch + gG fuse maximum     21 kA2.s       !2t value with closed switch     6       • at 840 V for combination switch + gG fuse maximum     21 kA2.s       • at 840 V for combination switch + gG fuse maximum     21 kA2.s       • at 840 V for combination switch + gG fuse maximum     21 kA2.s       • at 840 V for combination switch + gG fuse maximum     21 kA2.s       • at 840 V for combination switch + gG fuse maximum     21 kA2.s       design of the fuse link     fuse gL/gG: 63 A       • for short-circuit protection of the main circuit required     fuse gL/gG: 63 A       • for short-circuit protection of the auxiliary switch required     fuse gL/gG: 10 A       operational current at AC according to UL 508/UL 60947-4-1     63 A       active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1     600 V       600 V     600 V		0
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       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         lzt value with closed switch       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • design of the fuse link       fuse gL/gG: 63 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       600 V         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       63 A         active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1       600 V	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         e at 240 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 640 V for combination switch + gG fuse maximum       6 kA         • at 640 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 640 V for combination switch + gG fuse maximum       21 kA2.s         • at 640 V for combination switch + gG fuse maximum       21 kA2.s         • at 640 V for combination switch + gG fuse maximum       21 kA2.s         • at 640 V for combination switch + gG fuse maximum       21 kA2.s         • for short-circuit protection of the main circuit required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       600 V         operational current at AC according to UL 508/UL 60947- 4-1       63 A         active power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 <td>hasp thickness of the bracket locks</td> <td>4 6 mm</td>	hasp thickness of the bracket locks	4 6 mm
• at 690 V by gG fuse rated value       50 kA         let-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         l2t value with closed switch       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       fuse gL/gG: 63 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       00perational current at AC according to UL 508/UL 60947-4-1         rated value       600 V         coperational current at AC at 50/60 Hz according to UL 508/UL 60947-       40         active power [hp] at AC at 480 V according to UL 508/UL 60947-       40         active power [hp] at AC at 6	Short circuit	
let-through current with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         permissible       12t value with closed switch         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • of rshort-circuit protection of the auxiliary switch required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required<	conditional short-circuit current with line-side fuse protection	
• at 240 V for combination switch + gG fuse maximum       6 kA         • at 440 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       1 kA2.s         • for short-circuit protection of the main circuit required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       600 V         operating voltage at AC at 50/60 Hz according to UL 508/UL       600 V         colve power [hp] at AC at 480 V according to UL 508/UL 60947-4-1       63 A         active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1       40         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1       50	<ul> <li>at 690 V by gG fuse rated value</li> </ul>	50 kA
• at 440 V for combination switch + gG fuse maximum       6 kA         • at 690 V for combination switch + gG fuse maximum       6 kA         I2t value with closed switch       7         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       6 for short-circuit protection of the main circuit required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A       0         operational current of upstream fuse rated value       63 A       600 V         according UL       600 V       600 V       600 V         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       63 A       40         active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1       40       50         4-1 rated value       50       50       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50       50         4-1 rated value       5 kA       50       50	let-through current with closed switch	
• at 690 V for combination switch + gG fuse maximum permissible       6 kA         I2t value with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • design of the fuse link       fuse gL/gG: 63 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       63 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 60947-       40         4-1 rated value       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA	<ul> <li>at 240 V for combination switch + gG fuse maximum</li> </ul>	6 kA
• at 690 V for combination switch + gG fuse maximum permissible       6 kA         I2t value with closed switch       6 kA         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         • design of the fuse link       fuse gL/gG: 63 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       63 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 60947-       40         4-1 rated value       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA	-	6 kA
I2t value with closed switch       21 kA2.s         • at 240 V for combination switch + gG fuse maximum       21 kA2.s         • at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       1 kA2.s         • for short-circuit protection of the main circuit required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       63 A         operational current at AC according to UL 508/UL 60947-4-1       63 A         operationg voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       600 V         600 V       600 V         active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1       40         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         active power (hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         short-tirme withstand current (SCCR) at 600 V according to UL       5 kA	• at 690 V for combination switch + gG fuse maximum	6 kA
• at 240 V for combination switch + gG fuse maximum21 kA2.s• at 440 V for combination switch + gG fuse maximum21 kA2.s• at 690 V for combination switch + gG fuse maximum21 kA2.sdesign of the fuse link21 kA2.s• for short-circuit protection of the main circuit requiredfuse gL/gG: 63 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value63 Aaccording UL63 Aoperational current at AC according to UL 508/UL 60947-4-163 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 value50active power [hp] at AC at 600 V according to UL 508/UL 60947- 4-1 rated value50active power [hp] at AC at 600 V according to UL 508/UL 60947- 4-1 rated value50	•	
• at 440 V for combination switch + gG fuse maximum       21 kA2.s         • at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       21 kA2.s         • for short-circuit protection of the main circuit required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       63 A         operational current at AC according to UL 508/UL 60947-4-1       63 A         rated value       600 V         ooperating 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       40         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA		21 kA2.s
• at 690 V for combination switch + gG fuse maximum       21 kA2.s         design of the fuse link       fuse gL/gG: 63 A         • for short-circuit protection of the main circuit required       fuse gL/gG: 63 A         • for short-circuit protection of the auxiliary switch required       fuse gL/gG: 10 A         operational current of upstream fuse rated value       63 A         according UL       63 A         operational current at AC according to UL 508/UL 60947-4-1       63 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 60947-       40         active power [hp] at AC at 600 V according to UL 508/UL 60947-       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA	-	
design of the fuse link <ul> <li>for short-circuit protection of the main circuit required</li> <li>fuse gL/gG: 63 A</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> </ul> operational current of upstream fuse rated value         63 A           according UL <ul></ul>	C C	
<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: 63 A</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> <li>operational current of upstream fuse rated value</li> <li>63 A</li> </ul> according UL operational current at AC according to UL 508/UL 60947-4-1 <ul> <li>fated value</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL</li> <li>600 V</li> <li>60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL 60947-</li> <li>fated value</li> <li>active power [hp] at AC at 600 V according to UL 508/UL 60947-</li> <li>fated value</li> <li>fated</li></ul>		
• for short-circuit protection of the auxiliary switch required         fuse gL/gG: 10 A           operational current of upstream fuse rated value         63 A           according UL         63 A           operational current at AC according to UL 508/UL 60947-4-1         63 A           rated value         600 V           operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value         600 V           active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value         40           active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value         50           active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value         50           active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value         50           active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value         50           short-time withstand current (SCCR) at 600 V according to UL 508/UL 50		fuse al /aG: 63 A
operational current of upstream fuse rated value       63 A         according UL       63 A         operational current at AC according to UL 508/UL 60947-4-1       63 A         rated value       60 V         operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1       60 V         60947-4-1 rated value       600 V         active power [hp] at AC at 480 V according to UL 508/UL 60947-       40         4-1 rated value       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-       40         4-1 rated value       50         short-time withstand current (SCCR) at 600 V according to UL 508/UL 508		
according UL         operational current at AC according to UL 508/UL 60947-4-1       63 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 60947-       40         4-1 rated value       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-       40         4-1 rated value       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA		
operational current at AC according to UL 508/UL 60947-4-1       63 A         rated value       600 V         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 60947-       40         4-1 rated value       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-       40         4-1 rated value       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA		
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 60947-       40         4-1 rated value       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-       40         4-1 rated value       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA	operational current at AC according to UL 508/UL 60947-4-1	63 A
active power [hp] at AC at 480 V according to UL 508/UL 60947-       40         4-1 rated value       50         active power [hp] at AC at 600 V according to UL 508/UL 60947-       50         4-1 rated value       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA	operating voltage at AC at 50/60 Hz according to UL 508/UL	600 V
active power [hp] at AC at 600 V according to UL 508/UL 60947-       50         4-1 rated value       50         short-time withstand current (SCCR) at 600 V according to UL       5 kA	active power [hp] at AC at 480 V according to UL 508/UL 60947-	40
short-time withstand current (SCCR) at 600 V according to UL 5 kA	active power [hp] at AC at 600 V according to UL 508/UL 60947-	50
500/0L 00947-4-1		5 kA

continuous current of up	ostream fuse according to UL rat	ed value 175	A			
type of fuse according to		RK				
Connections						
AWG number as coded solid	connectable conductor cross se	ction				
● maximum ● minimum		6 14				
	ductor cross-sections for copper					
solid		1x	(2.5_35mm <sup>2</sup> )			
	ith core end processing		1x (2,535mm²) 1x (2.516 mm²)			
<ul> <li>stranded</li> </ul>	an cono ona prococonig		1x (2,535mm <sup>2</sup> )			
type of connectable con contacts	ductor cross-sections for auxilia		, ,			
• 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> )			
<ul> <li>finely stranded w</li> </ul>	ith core end processing	late	ral auxiliary switch 2x (0,7 mm²	5 1,5mm²), 1x 2,5mm²;	front auxiliary switch 1x	
<ul> <li>stranded</li> </ul>		late	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 connect	ction	(-)-				
<ul> <li>for main current of</li> </ul>		box	terminal			
<ul> <li>for auxiliary containing</li> </ul>	acts	con	connection terminals			
Mechanical Design						
height		91	nm			
width		67	67 mm			
depth		395	395 mm			
type of device		fixe	fixed mounting			
fastening method		Bui	t-in unit fixed-mounted ver	sion		
fastening method						
<ul> <li>4-hole front mour</li> </ul>	nting	Yes	Yes			
<ul> <li>front mounting wi</li> </ul>	th central attachment	No	No			
<ul> <li>rail mounting</li> </ul>		Yes	Yes			
net weight		566	566 g			
Environmental condition	ns					
ambient temperature du	iring operation					
<ul> <li>minimum</li> </ul>		-25	°C			
<ul> <li>maximum</li> </ul>		55	°C			
ambient temperature du	iring storage					
<ul> <li>minimum</li> </ul>		-25	°C			
<ul> <li>maximum</li> </ul>		55	°C			
General Product Appr	roval					
(SP)		<u>Confirmation</u>		VDE	<u>Miscellaneous</u>	
General Product Ap- proval	Declaration of Conformity		Test Certificates	Marine / Shipping	other	
EHC	UK CA	CE EG-Konf.	Special Test Certific- ate	Hoyds Register urs	<u>Confirmation</u>	
other	Environment					
Miscellaneous	Environmental Con- firmations					

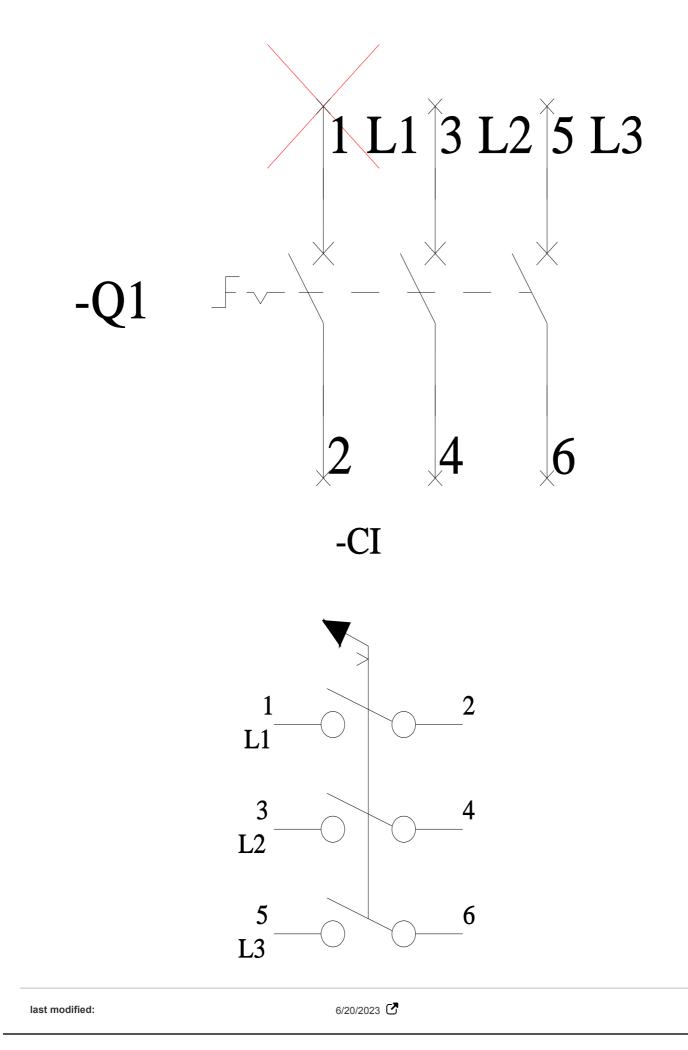
#### Further information Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity 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:// all.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2517-0TK13 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2517-0TK13 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2517-0TK13 **CAx-Online-Generator** http://www.siemens.com/cax **Tender specifications**

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8/18/2023

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