## **SIEMENS**

Data sheet 3LD5620-0TL11



SENTRON, Molded case switch 3LD5 UL, Main switch, 4-pole, certified according to UL489 UL60947-4-1 and IEC60947-3, UL: 125A, SCCR 65kA at 480VAC, Operating power at 480VAC 3-phase: 75hp, IEC: 125A, Operating power at AC-23A at 400V: 55kW, front-mounted, rotary operating mechanism, black, 4-hole mounting of the handle, incl. terminal covers for the infeed side

Model		
product brand name	SENTRON	
product designation	Switch disconnector	
design of the product	Main switch	
display version for switch position indicator manual operation	1 ON - 0 OFF	
type of switch	front mounted	
design of the actuating element	selector switch	
color of the actuating element	black	
design of handle	rotary operating mechanism, black	
type of the driving mechanism motor drive	No	
General technical data		
number of poles	4	
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	
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	36 W	
Main circuit		
operational current		
• at AC-21 at 690 V rated value	125 A	
• at AC-21 A at 240 V rated value	125 A	
• at AC-21 A at 400 V rated value	125 A	
• at AC-21 A at 440 V rated value	125 A	
• at AC-23 A at 400 V rated value	125 A	
operating power		
<ul> <li>at AC-23 A at 240 V rated value</li> </ul>	37 kW	
• at AC-23 A at 440 V rated value	55 kW	
• at AC-23 A at 690 V rated value	45 kW	
• at AC-3 at 240 V rated value	37 kW	

* In AC-3 of a 500 V rates value SY KW  Auxiliary circuit  Number of NC contacts for auxiliary contacts  O number of NC contacts for auxiliary contacts O number of NC contacts for auxiliary contacts O number of NC contacts for auxiliary contacts O number of NC contacts for auxiliary contacts O number of NC contacts for auxiliary contacts O number of NC contacts for auxiliary contacts O number of NC contacts for auxiliary contacts O number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC contacts for auxiliary contacts O NC number of NC number	• at AC-3 at 400 V rated value	55 kW
Auxiliary circuit  Tumber of NC contacts for auxiliary contacts  O  number of NC contacts for auxiliary contacts  O  penanting votage of auxiliary contacts  O  penanting votage of auxiliary contact and value  SOD V  Stitubility  Stitubilit		
number of NC contacts for auxiliary contacts  operating voltage of auxiliary contact at AC maximum  500 V  continuous current of the auxiliary contact at the Value  500 V  insulation voltage of the auxiliary switch rated value  10 A  insulation voltage of the auxiliary switch rated value  10 A  insulation voltage of the auxiliary switch rated value  10 A  insulation voltage of the auxiliary switch rated value  10 A  insulation voltage of the auxiliary switch rated value  10 A  insulation voltage of the auxiliary switch rated value  10 A  insulation voltage of the auxiliary switch  10 A  insulation voltage in the voltage in th		VI KII
number of NO contacts for auxiliary contacts  number of NO contacts for auxiliary contacts at AC maximum  continuous current of the auxiliary switch rated value  smallation votage of the auxiliary switch rated value  smallation votage of the auxiliary switch rated value  smallation votage of the auxiliary switch rated value  **main switch  **main switch  **exit of switch disconnector  **EMERCERNCY OFF switch  **exit of disconnector  **EMERCERNCY OFF switch  **anitine switch  **exit of switch  **maintenance/repair switch  **Pes  **maintenance/repair switch  **product details  product details  **notion office  **exit of switch  **exit of sw		0
number of NO contacts for auxiliary contacts of social processors of the social processors of th		
operating votage of auxiliary contacts at AC maximum continuous current of the auxiliary switch rated value subtability for use * main switch * aware and second to the switch second to the switch disconnector * Yes * examination votage of the auxiliary switch rated value * amain switch * examination disconnector * Yes * examination disconnector * Yes * examination votage of the switch * examination disconnector * Yes * examination votage of the switch * examination votage * examination votage * examination votage * product feature can be locked into OFF position * Yes * Product details * product details or product feature can be locked into OFF position * examination votage of the switch * examination votage of the votag	·	
confinuous current of the auxiliary switch rated value insulation voltage of the auxiliary switch rated value  Since of the auxiliary switch rated value  • main switch • winch disconnector • Yes • winch disconnector • Wes • working trigger  product details  product feature can be locked into OFF position  Yes • voltage trigger  product externation optional • notion of the • voltage trigger  number of connectable NC contacts for auxiliary contacts • voltage trigger  number of connectable NC contacts for auxiliary contacts • altitude winch and the state of the sacket tooks  statischable maximum  number of bracket clocks maximum • alt 440 V by gG flues rated value • alt 890 V by gG flues rated value • alt 890 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for combination switch + gG flues maximum • alt 690 V for c		
insulation voltage of the auxiliary switch rated value  Suitability Suitabilit		
Suitability or use  - main switch  - witch disconnector  - witch d		
emain switch ewitch disconnector eMeRCBCNCY OFF switch safety switch emaintenancerepair switch yes  Product details product feature can be locked into OFF position yes  Product details product ceteration optional emotor office emotor	,	
emain switch ewitch disconnector eMeRCBCNCY OFF switch safety switch emaintenancerepair switch yes  Product details product feature can be locked into OFF position yes  Product details product ceteration optional emotor office emotor	suitability for use	
EMERGENCY OFF switch Sately switch Sately switch Season's Secessories  Product details product extension optional Secessories  Product extension optional Secessories Secessories  Product extension optional Security	•	Yes
e safety switch Yes  maintenance/repair switch Yes   Product details  product feature can be locked into OFF position Yes   **Coccssories**  product extension optional  • motor drive • No  • voltage trigger • No  number of connectable NC contacts for auxiliary contacts  statischable maximum  number of connectable NC contacts for auxiliary contacts  statischable maximum  number of connectable NC contacts for auxiliary contacts  statischable maximum  number of connectable NC contacts for auxiliary contacts  statischable maximum  number of protect locks maximum 3  number of tracket locks maximum 3  nasp thickness of the bracket locks maximum 3  nasp thickness of the bracket locks  5 7.5 mm  **Short circuit**  conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value 50 kA  • at 480 V by gG fuse rated value 50 kA  • at 480 V for combination switch + gG fuse maximum 16 kA  • at 440 V for combination switch + gG fuse maximum 16 kA  • at 440 V for combination switch + gG fuse maximum 18 kA  • at 440 V for combination switch + gG fuse maximum 223 kA2 s  • at 480 V for combination switch + gG fuse maximum 223 kA2 s  • at 480 V for combination switch + gG fuse maximum 223 kA2 s  • at 480 V for combination switch + gG fuse maximum 223 kA2 s  • at 440 V for combination switch + gG fuse maximum 223 kA2 s  • at 440 V for combination switch + gG fuse maximum 223 kA2 s  • at 440 V for combination switch + gG fuse maximum 223 kA2 s  • at 440 V for combination switch + gG fuse maximum 223 kA2 s  • at 440 V for combination switch + gG fuse maximum 4   • at 440 V for combination switch + gG fuse maximum 4   • at 440 V for combination switch + gG fuse maximum 4   • at 440 V for combination switch + gG fuse maximum 4   • at 440 V for combination switch + gG fuse maximum 4   • at 440 V for combination switch + gG fuse maximum 4   • at 440 V for combination switch + gG fuse maximum 4   • at 440 V for combination switch + gG fuse maximum 4   • at 440 V for combination switch + gG fuse maxim	switch disconnector	Yes
maintenance/repair switch     Product (details product reature can be locked into OFF position     product extension optional	EMERGENCY OFF switch	No
Product details product feature can be locked into OFF position Processories product extension optional Into the protor drive Into violage trigger Into the protor drive Into violage trigger Into vio	safety switch	Yes
product feature can be locked into OFF position    Product extension optional	<ul> <li>maintenance/repair switch</li> </ul>	Yes
product extension optional	Product details	
product extension optional  • motor drive • voltage trigger  number of connectable NC contacts for auxillary contacts attachable maximum  number of connectable NO contacts for auxillary contacts attachable maximum  number of connectable NO contacts for auxillary contacts attachable maximum  number of connectable NO contacts for auxillary contacts attachable maximum  3 number of connectable CO contacts for auxillary contacts attachable maximum  3 nasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value  41 690 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum  16 kA  12 value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 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 480 V for combination switch + gG fuse maximum • 223 kA2.s  design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the main circuit required • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary	product feature can be locked into OFF position	Yes
* motor drive     * voltage trigger     * no     * unwher of connectable NC contacts for auxillary contacts     attachable maximum     * number of connectable NO contacts for auxillary contacts     attachable maximum     * number of connectable NO contacts for auxillary contacts     attachable maximum     * number of bracket locks maximum     * number of bracket locks maximum     * number of bracket locks maximum     * as path inchess of the bracket locks     * 5 7.5 mm  Short circuit  conditional short-circuit current with line-side fuse protection     * at 440 V by GG fuse rated value     * at 690 V by gG fuse rated value     * at 690 V by gG fuse rated value     * 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 480 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combination switch + gG fuse maximum     * at 680 V for combi	accessories	
• voltage trigger  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NO contacts for auxiliary contacts attachable maximum  number of connectable NO contacts for auxiliary contacts attachable maximum  number of connectable CO contacts for auxiliary contacts attachable maximum  number of bracket locks maximum  nap thickness of the bracket locks  5 7.5 mm  Short circuit  conditional short-circuit current with line-side fuse protection  • at 440 V by g G fuse rated value  • 100 kA  • at 480 V by g G fuse rated value  • 100 kA  let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse	product extension optional	
number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum 3 hasp thickness of the bracket locks s 57.5 mm  Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 690 V by gG fuse rated value • at 1440 V for combination switch + gG fuse maximum • at 1440 V for combination switch + gG fuse maximum • at 1440 V for combination switch + gG fuse maximum • at 1440 V for combination switch + gG fuse maximum • at 1440 V for combination switch + gG fuse maximum • at 1440 V for combination switch + gG fuse maximum • at 1440 V for combination switch + gG fuse maximum • at 1440 V for combination switch + gG fuse maximum • at 1440 V for combination switch + gG fuse maximum • at 1490 V for combination switch + gG fuse maximum • at 1690 V for combination switch + gG fuse maximum • at 1690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690	• motor drive	No
attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum 3 hasp thickness of the bracket locks 5ont circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 680 V by gG fuse rated value • at 1240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 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 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse fuse fuse fuse fuse fuse fuse fuse	voltage trigger	No
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum 3 hasp thickness of the bracket locks 57.5 mm  Short circuit  conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at		2
attachable maximum number of bracket locks maximum lassy thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value  15 0 kA  let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 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		2
hasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value  • at 690 V by gG fuse rated value  • at 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 890 V for combination switch + gG fuse maximum  permissible  122 value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch  • fuse gLgCs 10 V fuse fuse fuse fuse fuse fuse fuse fuse		0
Short circuit  conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value  • at 690 V by gG fuse rated value  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 240 V for combination switch + gG fuse maximum  • at 240 V for combination switch + gG fuse maximum  permissible  12t value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • for short-circuit protection of the main circuit required  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • poerational current at AC according to UL 489/UL 60947-4-1  rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1  rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1  saticly power [hp] at AC at 480 V according to UL 508/UL 60947-4-1  short-time withstand current (SCCR) at 480 V according to UL  short-time withstand current of Upstream fuse according to UL rated value  type of fuse according to UL  Class J	number of bracket locks maximum	3
conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value  • at 690 V by gG fuse rated value  • at 240 V for combination switch + gG fuse maximum  • at 240 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 240 V for combination switch + gG fuse maximum  permissible  12t value with closed switch  • at 240 V for combination switch + gG fuse maximum  223 kA2.s  • at 690 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  223 kA2.s  • at 690 V for combination switch + gG fuse maximum  223 kA2.s  design of the fuse link  • for short-circuit protection of the main circuit required  • for short-circuit protection of the maximum such required  • for short-circuit protection of the maximum such required  • for short-circuit protection of the auxillary switch required  • for short-circuit protection of the auxillary switch required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-circuit protection of the such language such required  • for short-ci	hasp thickness of the bracket locks	5 7.5 mm
at 440 V by gG fuse rated value at 690 V by gG fuse rated value 50 kA  eat 690 V by gG fuse rated value  let-through current with closed switch at 240 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum permissible  l2t value with closed switch at 420 V for combination switch + gG fuse maximum permissible  l2t value with closed switch at 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 690 V for switch eat 690 V for combination switch + gG fuse maximum eat 690 V for switch	Short circuit	
at 690 V by gG fuse rated value  let-through current with closed switch  at 240 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  permissible  let value with closed switch  at 240 V for combination switch + gG fuse maximum  permissible  let value with closed switch  at 240 V for combination switch + gG fuse maximum  at 240 V for combination switch + gG fuse maximum  at 240 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 680 V for combination switch + gG fuse maximum  at 680 V for combination switch + gG fuse maximum  at 680 V for combination switch + gG fuse maximum  at 680 V for combination switch + gG fuse maximum  at 680 V for combination switch + gG fuse maximum  at 680 V for combination switch + gG fuse maximum  be at 690 V for combination switch + gG fuse maximum  at 680 V for combination switch + gG fuse maxim	conditional short-circuit current with line-side fuse protection	
let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 490 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  permissible  l2t value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 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  223 kA2.s  • at 690 V for combination switch + gG fuse maximum  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required fuse gG: 125 A  • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A  operational current of upstream fuse rated value  according UL  operational current at AC according to UL 489/UL 60947-4-1 rated value  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 rated value  continuous current of upstream fuse according to UL rated value  type of fuse according to UL	<ul> <li>at 440 V by gG fuse rated value</li> </ul>	50 kA
at 240 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum permissible  12t value with closed switch at 490 V for combination switch + gG fuse maximum permissible  12t value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for short-circuit protection of the main circuit required fuse gL/gG: 10 A fuse gG: 125 A fuse gG: 125 A fuse gG: 125 A fuse gL/gG: 10 A  operational current at AC according to UL 489/UL 60947-4-1 rated value  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL to 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J	at 690 V by gG fuse rated value	50 kA
at 440 V for combination switch + gG fuse maximum at 6 kA at 690 V for combination switch + gG fuse maximum permissible  I2t value with closed switch at 240 V for combination switch + gG fuse maximum at 240 V for switch switch at 240 V for combination switch + gG fuse maximum at 240 V for combination switch + gG fuse maximum at 240 V for switch swi	let-through current with closed switch	
at 690 V for combination switch + gG fuse maximum permissible  Izt value with closed switch  at 240 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 690 V fuse gg 31 kA2.s  at 690 V for combination switch + gG fuse maximum  at 690 V for combination switch + gG fuse maximum  at 690 V fuse gg 31 kA2.s  at 480 V fuse gg 31 kA2.s  at 690 V fuse gg 31 kA2.s  at 480 V fuse gg 31 kA2.s  at	· ·	
permissible  12t value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  223 kA2.s  • at 690 V for combination switch + gG fuse maximum  223 kA2.s  design of the fuse link  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required  operational current of upstream fuse rated value  225 A  32ccording UL  Operational current at AC according to UL 489/UL 60947-4-1  rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1  rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL Class J	_	
<ul> <li>at 240 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>223 kA2.s</li> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>poperational current of upstream fuse rated value</li> <li>according UL</li> <li>operational current at AC according to UL 489/UL 60947-4-1</li> <li>rated value</li> <li>operating voltage at AC at 50/60 Hz according to UL 489 rated value</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1</li> <li>rated value</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value</li> <li>active power (hpl) at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>active power (hpl) at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>active power (hpl) at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>active power (hpl) at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>active power (hpl) at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>active power (hpl) at AC at 480 V according to UL 508/UL 60947-4-1 and UL 489</li> <li>continuous current of upstream fuse according to UL rated value</li> <li>type of fuse according to UL</li> <li>Class J</li> </ul>		15 kA
at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum before short-circuit protection of the main circuit required before short-circuit protection of the auxiliary switch required before short-circuit protection of the main circuit required before short-circuit protection of the supplied short-circuit required before short-circui	I2t value with closed switch	
according UL  operational current at AC according to UL 489/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL rated value  short-time withstand current (SCCR) at 480 V according to UL rated value  continuous current of upstream fuse according to UL rated value  short-time withstand current (SCCR) at 480 V according to UL rated value  continuous current of upstream fuse according to UL rated value  to get according to UL 489 Class J  Class J	• at 240 V for combination switch + gG fuse maximum	223 kA2.s
design of the fuse link  • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value  according UL  operational current at AC according to UL 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 480 V according to UL 508/UL operating voltage at AC at 480 V according to UL 508/UL operating voltage at AC at 480 V according to UL 508/UL operating voltage at AC at 480 V according to UL 508/UL operating voltage at AC at 480 V according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL oper	• at 440 V for combination switch + gG fuse maximum	223 kA2.s
• for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value  according UL  operational current at AC according to UL 489/UL 60947-4-1 rated value  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J	• at 690 V for combination switch + gG fuse maximum	223 kA2.s
for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value  according UL  operational current at AC according to UL 489/UL 60947-4-1 rated value  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 6508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J	3	
operational current of upstream fuse rated value  according UL  operational current at AC according to UL 489/UL 60947-4-1 rated value  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J	·	•
according UL  operational current at AC according to UL 489/UL 60947-4-1 rated value  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL Class J		
operational current at AC according to UL 489/UL 60947-4-1 rated value  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J	· · · · · · · · · · · · · · · · · · ·	125 A
rated value  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J		
rated value  operating voltage at AC at 50/60 Hz according to UL 489 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J	rated value	
value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J	rated value	
60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J		480 V
4-1 rated value  short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J		480 V
508/UL 60947-4-1 and UL 489  continuous current of upstream fuse according to UL rated value  type of fuse according to UL  Class J		75
type of fuse according to UL Class J		65 kA
	continuous current of upstream fuse according to UL rated value	125 A
Connections	type of fuse according to UL	Class J
	Connections	

AWG number as coded connectable conductor cross section solid			
• minimum	1		
• maximum	4/0		
AWG number as coded connectable conductor cross section solid according to UL 489			
• minimum	1		
• maximum	4/0		
AWG number as coded connectable conductor cross section solid according to CSA C22.2 No. 5-16			
• minimum	3		
• maximum	2/0		
type of connectable conductor cross-sections for copper conductor			
• solid	1x (16185mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>	1x (16150mm²)		
stranded	1x (16185mm²)		
type of connectable conductor cross-sections for auxiliary contacts			
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)		
• finely stranded with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²		
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)		
type of electrical connection			
for main current circuit	box terminal		
<ul> <li>for auxiliary contacts</li> </ul>	connection terminals		
Mechanical Design			
height	178 mm		
width	151 mm		
depth	93 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		
rail mounting	No		
net weight	2 150 g		
Environmental conditions			
ambient temperature during operation			
• minimum	-25 °C		
maximum	55 °C		
ambient temperature during storage			
• minimum	-25 °C		
• maximum	55 °C		
General Product Approval		Declaration of Conformity	



Confirmation



EHC





other

Miscellaneous Confirmation

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://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD5620-0TL11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD5620-0TL11

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

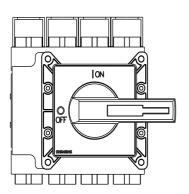
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD5620-0TL11

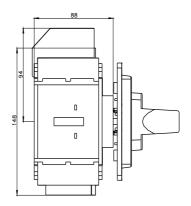
**CAx-Online-Generator** 

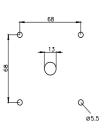
http://www.siemens.com/cax

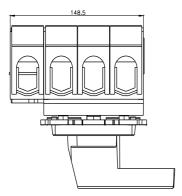
**Tender specifications** 

http://www.siemens.com/specifications









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