## **SIEMENS**

Data sheet 3LD3150-1TL13



Load disconnector 3LD3, lu 25 A Main switch 3-pole + N Rated operating capacity at AC-23 A at 400V 9.0kW Front plate mounting Basic switch with Central hole mounting 22.5mm Toggle drive red / yellow 48x48 mm with auxiliary switch 1OE + 1S

product brand name product designation design of the product display version / for switch position indicator manual operation type of switch design of the actuating element design of handle type of the driving mechanism / motor drive  Cenoral technical data number of poles number of poles / note mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution  Voltago insulation voltage / rated value operating requency / rated value • maximum  • naximum  50 Hz • naximum  50 Hz • naximum  50 Hz • at AC / rated value • minimum • maximum  50 Hz • naximum  50 Hz • protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation  Dissipation  Dissipation  • at 40 °C / rated value operational current / rated value	Model			
design of the product  display version / for switch position indicator manual operation  type of switch  design of the actuating element  color / of the actuating element  design of handle  knob-operated mechanism, red/yellow  type of the driving mechanism / motor drive  Ceneral technical data  number of poles / note  mechanical service life (switching cycles) / typical  electrical endurance (switching cycles)  • at AC-23 A / at 690 V  operating frequency / maximum  degree of pollution  Voltage  insulation voltage / rated value  operating voltage  • at AC / rated value  operating frequency / rated value  • minimum  • maximum  60 Hz  Protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  • at 40 °C / rated value  operational current / rated value  25 A	product brand name	SENTRON		
display version / for switch position indicator manual operation type of switch design of the actuating element color / of the actuating element ted design of handle type of the driving mechanism / motor drive type of the driving mechanism / motor drive type of the driving mechanism / motor drive No  General technical data number of poles / note mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / 6 000 operating frequency / maximum degree of pollution 3  Voltage insulation voltage / rated value operating voltage resistance / rated value operating frequency / rated value  • at AC / rated value • minimum • maximum  for H26  Protection class IP / on the front Dissipation  power loss [M] / for rated value operational current / rated value	product designation	3LD Switch disconnector		
operation type of switch design of the actuating element color / of the actuating element design of handle knob-operated mechanism, red/yellow type of the driving mechanism / motor drive  Ceneral technical data number of poles number of poles / note mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles)  at AC-23 A f a 690 V operating frequency / maximum degree of pollution 3  Voitage insulation voltage / rated value operating voltage at AC / rated value operating frequency / rated value  minimum operating frequency / rated value operation class IP of the degree of protection NEMA rating protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operational current / rated value	design of the product	EMERGENCY-STOP switch		
design of the actuating element color / of the actuating element red design of handle type of the driving mechanism / motor drive No  General technical data  number of poles number of poles 4 number of poles 4 mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / o at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3  Voltage insulation voltage / rated value operating voltage at AC-7 arded value operating frequency / rated value operating frequency / rated value operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating frequency / rated value  operating state / per pole  Current  operational current / rated value of the current / at AC / in hot operational current / rated value  operational current	. ,	1 ON - 0 OFF		
color / of the actuating element design of handle knob-operated mechanism, red/yellow type of the driving mechanism / motor drive  Ceneral technical data  number of poles number of poles / note emechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles)  • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3  Voltage insulation voltage / rated value operating voltage e at AC / rated value operating frequency / rated value  • minimum operating frequency / rated value  • minimum  50 Hz  • maximum  50 Hz  600 V  coperating frequency / rated value  • minimum  50 Hz  • maximum  50 Hz  fol Hz  fo	type of switch	front mounted		
design of handle knob-operated mechanism, red/yellow type of the driving mechanism / motor drive No  General technical data number of poles   4	design of the actuating element	selector switch		
type of the driving mechanism / motor drive  General technical data number of poles	color / of the actuating element	red		
Content technical data   number of poles   4	design of handle	knob-operated mechanism, red/yellow		
number of poles number of poles / note number of poles / note nechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution  Voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum output • minimum output • maximum output  Protection class IP degree of protection NEMA rating protection class IP / on the front power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current operational current / rated value  • at 40 °C / rated value  25 A operational current • at 40 °C / rated value  25 A	type of the driving mechanism / motor drive	No		
number of poles / note mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum for the surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum of the maximum  for the surge voltage resistance / rated value operating frequency / rated value operation class IP for the front operation class IP for the front operation operation state / per pole  Current operational current / rated value operational current / rated value operational current / rated value operational current	General technical data			
mechanical service life (switching cycles) / typical electrical endurance (switching 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 690 V operating voltage  • at AC / rated value 690 V operating frequency / rated value 690 V  operating frequency / rated value 690 V  operating frequency / rated value 690 V  operating frequency / rated value 600 Hz  Protection class IP 600 Hz  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  Current operational current / rated value 25 A  operational current • at 40 °C / rated value 25 A	number of poles	4		
electrical endurance (switching cycles)  • at AC-23 A / at 690 V  operating frequency / maximum  degree of pollution  70	number of poles / note	4		
at AC-23 A / at 690 V operating frequency / maximum fegree of pollution  voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage  at AC / rated value operating frequency / rated value ominimum o	mechanical service life (switching cycles) / typical	100 000		
operating frequency / maximum degree of pollution 3  Voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value in maximum for Hz  Protection class protection class IP degree of protection NEMA rating 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  Current operational current / rated value 25 A operational current	electrical endurance (switching cycles)			
degree of pollution  Voltage  insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value ominimum ominimu	• at AC-23 A / at 690 V	6 000		
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  Current operational current / rated value 25 A operational current • at 40 °C / rated value 25 A	operating frequency / maximum	50 1/h		
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  Current  operational current / rated value 25 A  operational current  • at 40 °C / rated value 25 A	degree of pollution	3		
surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum	Voltage			
operating voltage  • at AC / rated value  operating frequency / rated value  • minimum  • maximum  50 Hz  Frotection class  protection class IP  degree of protection NEMA rating protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  • at 40 °C / rated value  690 V  690	insulation voltage / rated value	690 V		
at AC / rated value  operating frequency / rated value  minimum  maximum  for Hz  Protection class  protection class IP  degree of protection NEMA rating protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  at 40 °C / rated value  690 V  6	surge voltage resistance / rated value	6 kV		
operating frequency / rated value  • minimum  • maximum  60 Hz  Protection class  protection class IP  degree of protection NEMA rating  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  Current  operational current / rated value  • at 40 °C / rated value  25 A	operating voltage			
<ul> <li>minimum</li> <li>maximum</li> <li>60 Hz</li> </ul> Protection class protection class IP <ul> <li>degree of protection NEMA rating</li> <li>protection class IP / on the front</li> <li>IP65</li> </ul> Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current <ul> <li>operational current / rated value</li> <li>operational current</li> <li>at 40 °C / rated value</li> <li>25 A</li> </ul> 25 A 25 A	at AC / rated value	690 V		
● maximum  Protection class  protection class IP  degree of protection NEMA rating protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  operational current  ● at 40 °C / rated value  60 Hz  IP65  IP65  1, 3R, 4X, 12  IP65  1.1 W  1.1 W  25 A	operating frequency / rated value			
protection class IP  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  Current  operational current / rated value  operational current  • at 40 °C / rated value  1P65  IP65  1.1 W  1.1 W  25 A	• minimum	50 Hz		
protection class IP  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  Current  operational current / rated value  • at 40 °C / rated value  1, 3R, 4X, 12  1,	maximum	60 Hz		
degree of protection NEMA rating  protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  • at 40 °C / rated value  1, 3R, 4X, 12  IP65  1.1 W  1.1 W  25 A	Protection class			
protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  • at 40 °C / rated value  1.1 W  25 A  25 A	protection class IP	IP65		
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  operational current  • at 40 °C / rated value  25 A	degree of protection NEMA rating	1, 3R, 4X, 12		
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  operational current  • at 40 °C / rated value  25 A	protection class IP / on the front	IP65		
hot operating state / per pole  Current  operational current / rated value  operational current  • at 40 °C / rated value  25 A	Dissipation			
operational current / rated value 25 A  operational current  • at 40 °C / rated value 25 A		1.1 W		
operational current  • at 40 °C / rated value 25 A	Current			
• at 40 °C / rated value 25 A	operational current / rated value	25 A		
	operational current			
• at 45 °C / rated value 25 A	<ul> <li>at 40 °C / rated value</li> </ul>	25 A		
	• at 45 °C / rated value	25 A		

a at 50 °C / rated value	25 A
<ul> <li>at 50 °C / rated value</li> <li>at 55 °C / rated value</li> </ul>	25 A 25 A
at AC / rated value	25 A 25 A
	207
Main circuit	
operational current	25 A
• at AC-21 / at 690 V / rated value	25 A
<ul> <li>at AC-21 A / at 240 V / rated value</li> </ul>	25 A
<ul><li>at AC-21 A / at 400 V / rated value</li></ul>	25 A
• at AC-21 A / at 440 V / rated value	25 A
at AC-23 A / at 400 V / rated value	20 A
operating power	
<ul><li>at AC-23 A / at 240 V / rated value</li></ul>	4 kW
<ul><li>at AC-23 A / at 400 V / rated value</li></ul>	10 kW
<ul><li>at AC-23 A / at 440 V / rated value</li></ul>	9 kW
<ul><li>at AC-23 A / at 690 V / rated value</li></ul>	9 kW
<ul><li>at AC-3 / at 240 V / rated value</li></ul>	4 kW
<ul><li>at AC-3 / at 400 V / rated value</li></ul>	8 kW
• at AC-3 / at 690 V / rated value	7.5 kW
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	0
number of NC contacts / for auxiliary contacts	1
number of NO contacts / for auxiliary contacts	1
operating voltage / of auxiliary contacts / at AC / maximum	500 V
continuous current / of the auxiliary contact / rated value	10 A
insulation voltage / of the auxiliary switch / rated value	500 V
Suitability	
suitability for use	
main switch	Yes
<ul> <li>switch disconnector</li> </ul>	Yes
<ul> <li>EMERGENCY OFF switch</li> </ul>	Yes
safety switch	Yes
	Yes
maintenance/repair switch  Product details	
maintenance/repair switch	Yes
maintenance/repair switch  Product details  special product feature	
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position	Yes  Can be locked in zero position
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories	Yes  Can be locked in zero position
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  Can be locked in zero position  Yes
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive	Yes  Can be locked in zero position Yes  No
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive      voltage trigger	Yes  Can be locked in zero position  Yes  No No
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive	Yes  Can be locked in zero position Yes  No
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  Can be locked in zero position  Yes  No No
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive     voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts	Yes  Can be locked in zero position Yes  No No 2
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive      voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum	Yes  Can be locked in zero position Yes  No No 2 4 0
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  Can be locked in zero position Yes  No No 2 4 0 2
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  Can be locked in zero position Yes  No No 2 4 0
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive      voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  hasp thickness / of the bracket locks  Short circuit	Yes  Can be locked in zero position Yes  No No 2 4 0 2
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  Can be locked in zero position Yes  No No 2 4 0 2
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive     voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  hasp thickness / of the bracket locks  Short circuit  conditional short-circuit current / with line-side fuse	Yes  Can be locked in zero position Yes  No No 2 4 0 2
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive      voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  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	Yes  Can be locked in zero position Yes  No No 2 4 0 2 4 6 mm
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive      voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  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	Yes  Can be locked in zero position Yes  No No 2 4 0 2 4 6 mm
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive      voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  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	Yes  Can be locked in zero position Yes  No No 2 4 0 2 4 6 mm
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Can be locked in zero position Yes  No No 2 4 0 2 4 6 mm
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  Can be locked in zero position Yes  No No 2 4 0 2 4 6 mm
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional      motor drive      voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  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  let-through current / with closed switch      at 240 V / for combination switch + gG fuse / maximum      at 440 V / for combination switch + gG fuse / maximum      at 690 V / for combination switch + gG fuse / maximum      at 690 V / for combination switch + gG fuse / maximum      at 690 V / for combination switch + gG fuse / maximum      at 690 V / for combination switch + gG fuse / maximum      at 690 V / for combination switch + gG fuse / maximum      at 690 V / for combination switch + gG fuse / maximum permissible	Yes  Can be locked in zero position Yes  No No No 2 4 0 2 4 6 mm  10 kA 6 kA 3.5 kA
maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  Can be locked in zero position Yes  No No No 2 4 0 2 4 6 mm  10 kA 6 kA 3.5 kA

maximum	41.40		
<ul> <li>at 440 V / for combination switch + gG fuse / maximum</li> </ul>	4 kA2.s		
• at 690 V / for combination switch + gG fuse /	4 kA2.s		
maximum			
design of the fuse link			
<ul> <li>for short-circuit protection of the main circuit /</li> </ul>	fuse gL/gG: 25 A		
required			
<ul> <li>for short-circuit protection of the auxiliary switch / required</li> </ul>	fuse gL/gG: 10 A		
operational current / of upstream fuse / rated value	25 A		
according UL			
operational current / at AC / according to UL 508/UL	25 A		
60947-4-1 / rated value			
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	10		
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	15		
short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1	5 kA		
continuous current / of upstream fuse / according to UL / rated value	50 A		
type of fuse / according to UL	RK5		
Connections			
AWG number / as coded connectable conductor cross			
section / solid			
• maximum	6		
• minimum	14		
type of connectable conductor cross-sections / for copper conductor			
• solid	1x (2.5 to 16 mm²)		
finely stranded / with core end processing	1x (2.516 mm²)		
• stranded	1x (2.5 to 16 mm²)		
type of connectable conductor cross-sections / for	,		
auxiliary contacts			
• solid	2x (0.75 2.5 mm²), 1x 4 mm²		
<ul><li>finely stranded / with core end processing</li></ul>	2x (0.75 1.5 mm²), 1x 2.5		
• stranded	2x (0.75 2.5 mm²), 1x 4 m	nm²	
type of electrical connection			
• for main current circuit	box terminal		
for auxiliary contacts	Box terminals		
Mechanical Design			
height	60 mm		
width	60 mm		
depth type of device	114 mm		
type of device fastening method	fixed mounting  Built-in unit fixed-mounted version		
fastening method	Dunt-in whit fixed-mounted v	CIGIOII	
4-hole front mounting	No		
front mounting with central attachment	Yes		
• rail mounting	No		
net weight	200 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	













other

**Miscellaneous** 

## Further information

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=3LD3150-1TL13

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD3150-1TL13

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD3150-1TL13

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications







