SIEMENS

Data sheet

3NP1133-1CA10

SENTRON, Fuse switch disconnector 3NP1, 3-pole, NH00, 160 A, for assembly and installation on mounting plate, flat terminal, Cover level 45 mm



Model	
Product brand name	SENTRON
Product designation	3NP1 fuse switch disconnector
Design of the product	cover level 45 mm
Version of fuse monitoring	Without
Design of the operating mechanism	Cover handle
Design of the load switch / Strip form	No
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	3
Type of device	For assembly and installation on mounting plate
Size of disconnecting link	00 and 000
Size of fuse link	NH000, NH00
Continuous current / at 35 °C / rated value	160 A
Let-through current / with closed switch / maximum	23 kA
permissible	
cut-off value I**2t,max. / 500 V	223 000 A ² ·s
Power factor	
• at AC-22 B	0.65

• with capacitive load -0.25 circuit-breaker / Design 3NP11 Mechanical service life (switching cycles) / typical 2 000 Fuse system LV HRC fuse Votage 660 V Prove factor / at AC-21 B 0.95 Surge voltage resistance / rated value 640 V Protection class Protection class IP • with closed switch / with cover or cable lug cover IP40 • with closed switch / with cover or cable lug cover IP40 • on the front IP40 • on the front IP40 • on the front IP40 • open IP20 Dissipation IP40 Prover loss [W] / for rated value of the current / at AC 17 W / in hor operating state / per pole 150 A Electricity Continuous current • at do 'C' / rated value 150 A • at 50 'C' / rated value 155 A • at 50 'C' / rated value 133 A Let-through current / lic / maximum permissible 158 kA • at 50 'C' / rated value 158 kA • at 60 V 23 000 A • at 50 'C' / rated value 158 kA • at 60 V 158 kA • at 60 V / rated value / maximum 600 V • at 60 V / rated va	● at AC-23 B	0.45
circuit-breaker / Design 3NP11 Mechanical service fife (switching cycles) / typical 2 000 Fuse system LV HRC fuse Voltage 690 V Power factor / at AC-21 B 0.95 Surge voltage resistance / rated value 8 kV Protection class IP 1940 • with closed switch / without cover or cable lug cover 1930 • with closed switch / without cover or cable lug cover 1940 • on the front 1940 • opan 1920 Dissipation 1920 Power factor / rated value of the current / at AC 17 W / in hot operating state / per pole 155 A • at 40 °C / rated value 160 A • at 40 °C / rated value 155 A • at 50 °C / rated value 145 A • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated value 15 kA • at 50 °C / rated valu	• with capacitive load	-0.25
Mechanical service life (switching cycles) / typical 2 000 Fuse system LV HRC fuse Voltage 690 V Insulation voltage / rated value 690 V Power factor / at AC-21 B 0.95 Surge voltage resistance / rated value 8 KV Protection class Protection class IP • with closed switch / with cover or cable lug cover IP40 • with closed switch / without cover or cable lug cover IP40 • on the front IP40 • open IP20 Dissipation IP20 Dissipation IP20 Continuous current 160 A • rated value 160 A • at 40 °C / rated value 145 A • at 50 °C / rated value 140 A • at 55 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 15 kA • at 60 °C / rated value 15 kA • at 60 °C / rated value 160 A • at 60 °C / rated value 160 A • at 60 °C / rated value 160 A • at 55 °C / rated value 140 A • at 55 °C / rated value 15 kA • at 60 °C / rated value 160 A • at 60 °C / rated value 160 A • at 60 °C / rated value </td <td>·</td> <td>3NP11</td>	·	3NP11
Fuse system LV HRC fuse Voltage 690 V Power factor / at AC-21 B 0.95 Surge voltage resistance / rated value 8 kV Protection class IP IP40 • with closed switch / with cover or cable lug cover IP40 • with closed switch / with cover or cable lug cover IP30 • on the front IP40 • on the front IP40 • oppn IP20 Dissipation Power loss [M / for rated value of the current / at AC / in hot operating state / per pole 17 W Continuous current 180 A 155 A • rated value 180 A 155 A • at 40 °C / rated value 155 A 15 kA • at 40 °C / rated value 155 A 15 kA • at 50 °C / rated value 133 A 15 kA Let-through current / with high-speed activation / maximum permissible 23 000 A 23 000 A • 400 V 23 000 A 23 000 A 500V • 500V 158 000 A*/s Main circuit Operating voltage I************************************		2 000
Insulation voltage / rated value 690 V Power factor / at AC-21 B 0.95 Surge voltage resistance / rated value 8 kV Protection class 8 Protection class IP IP40 over • with closed switch / with cover or cable lug cover IP40 • on the front IP40 • open IP20 Dissipation IP20 Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 17 W Continuous current 180 A • rated value 180 A • at 40 °C / rated value 185 A • at 50 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 23 000 A • 400 V 23 000 A • 500 V 23 000 A • 500 V 158 000 A*s Main circuit 440 V Operating voltage 440 V • at C / rated value / maximum 690 V • at AC / rated value / maximum 440 V		LV HRC fuse
Insulation voltage / rated value 690 V Power factor / at AC-21 B 0.95 Surge voltage resistance / rated value 8 kV Protection class 8 Protection class IP IP40 over • with closed switch / with cover or cable lug cover IP40 • on the front IP40 • open IP20 Dissipation IP20 Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 17 W Continuous current 180 A • rated value 180 A • at 40 °C / rated value 185 A • at 50 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 23 000 A • 400 V 23 000 A • 500 V 23 000 A • 500 V 158 000 A*s Main circuit 440 V Operating voltage 440 V • at C / rated value / maximum 690 V • at AC / rated value / maximum 440 V	V/alla a	
Power factor / at AC-21 B 0.95 Surge voltage resistance / rated value 8 kV Protection class Protection class IP • with closed switch / with cover or cable lug cover IP40 • with closed switch / without cover or cable lug cover IP30 • on the front IP40 • open IP20 Dissipation IP20 Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 17 W Electricity Continuous current • rated value 160 A • at 40 °C / rated value 145 A • at 45 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 15 kA Let-through current / ic / maximum permissible 23 000 A • 400 V 23 000 A • 500V 23 000 A • at AC / rated value 440 V • at AC / rated value 440 V • at AC / rated value 440 V		690 V
Surge voltage resistance / rated value 8 kV Protection class Protection class IP • with closed switch / with cover or cable lug cover IP40 • with closed switch / without cover or cable lug cover IP30 • on the front IP40 • open IP20 Dissipation Continuous current Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 17 W Continuous current 160 A • rated value 155 A • at 50 °C / rated value 145 A • at 50 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 15 kA Let-through current / lo / maximum permissible 23 000 A • at 00 °V 23 000 A • sooV 23 000 A • sooV 23 000 A • at D / rated value / maximum 690 V • at D / rated value / maximum 690 V • at D / rated value / maximum 440 V Operating voltage 440 V • at D / rated value / maximum 690 V • at D / rated value / maximum 440 V • at D / rated value / maximum 690 V	-	
Protection class Protection class IP • with closed switch / with cover or cable lug cover • with closed switch / without cover or cable lug cover • on the front • open Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Electricity Continuous current • rated value • at 40 °C / rated value • at 40 °C / rated value • at 55 °C / rated value • at 00 V • 23 000 A • 500V • 500V • at AC / rated value • at AC / rated value / maximum • at AC /		
Protection class IP IP40 • with closed switch / with cover or cable lug cover IP40 • with closed switch / without cover or cable lug cover IP40 • on the front IP40 • open IP20 Dissipation IP20 Dissipationstate / per pole 17 W Power loss [W] / for rated value of the current / at AC / in thot operating state / per pole 160 A • rated value 155 A • at 40 °C / rated value 155 A • at 45 °C / rated value 145 A • at 55 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 15 kA Let-through current / lc / maximum permissible 23 000 A • 500V 23 000 A • cut-off value I**2t,max. / 400 V 158 000 A*:s Main circuit 690 V Operating voltage 690 V • at AC / rated value 440 V • at DC / rated value / maximum 640 V • at AC / rated value / maximum 640 V		
 with closed switch / with cover or cable lug cover with closed switch / without cover or cable lug cover on the front IP30 open IP40 open IP20 Dissipation Power loss [M] / for rated value of the current / at AC / rated value 160 A at AC / rated value 155 A at S5 °C / rated value 140 A at S5 °C / rated value 140 A at S5 °C / rated value 156 A at S5 °C / rated value 157 KA Basing Cover Stable At S5 °C / rated value At C / rated value / maximum At C / rated value / maximum<td></td><td></td>		
 with closed switch / without cover or cable lug cover on the front in the operating state / per pole Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Electricity Continuous current in text avalue in text	• with closed switch / with cover or cable lug	IP40
• on the frontIP40• openIP20DissipationPower loss [W] / for rated value of the current / at AC17 WPower loss [W] / for rated value of the current / at AC17 WContinuous current180 A• rated value160 A• rated value155 A• at 40 °C / rated value145 A• at 5° C / rated value145 A• at 5° C / rated value133 ALet-through current / with high-speed activation / maximum permissible15 kA• 400 V23 000 A• 600V23 000 Acut-off value I**2t.max. / 400 V158 000 A*'sMain circuit Operating voltage690 V• at 0C / rated value440 V• at 0C / rated value440 V• at 0C / rated value72 A	• with closed switch / without cover or cable lug	IP30
• open Pose IDESTIDATION Power IDESTIDATION PO		IP40
Dissipation Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 17 W Electricity Continuous current • rated value 160 A • rated value 155 A • at 40 °C / rated value 145 A • at 50 °C / rated value 140 A • at 50 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 15 kA Let-through current / lc / maximum permissible 23 000 A • totO V 23 000 A • 500V 23 000 A cut-off value I**2t,max. / 400 V 158 000 A*=s Main circuit 690 V • at C / rated value 440 V • at DC / rated value 440 V • at OC / rated value 72 A		
Power loss [W] / for rated value of the current / at AC 17 W / in hot operating state / per pole 17 W Electricity Continuous current • rated value 160 A • at 40 °C / rated value 155 A • at 45 °C / rated value 145 A • at 50 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 15 kA • 400 V 23 000 A • 500V 23 000 A • 500V 23 000 A • 500V 158 R00 A*·s Main circuit 690 V • at AC / rated value 440 V • at DC / rated value 440 V • at DC / rated value 440 V • at AC / rated value 440 V		
/ in hot operating state / per pole		
Electricity Continuous current 160 A • rated value 160 A • at 40 °C / rated value 155 A • at 45 °C / rated value 145 A • at 50 °C / rated value 140 A • at 55 °C / rated value 133 A Let-through current / with high-speed activation / 15 kA maximum permissible 15 kA Let-through current / lc / maximum permissible 23 000 A • 500V 23 000 A • cut-off value /**2t,max. / 400 V 158 000 A²·s Main circuit Operating voltage • at AC / rated value / maximum 690 V • at DC / rated value / maximum 440 V • at DC / rated value / maximum 440 V • at 400 V / maximum 72 A		17 W
Continuous current 160 A • rated value 160 A • at 40 °C / rated value 155 A • at 45 °C / rated value 145 A • at 50 °C / rated value 140 A • at 55 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible 15 kA Let-through current / lc / maximum permissible 23 000 A • 400 V 23 000 A • 500V 23 000 A cut-off value I**2t,max. / 400 V 158 000 A².s Main circuit 690 V • at AC / rated value 440 V • at DC / rated value 440 V • at DC / rated value / maximum 690 V • at AC / rated value / maximum 690 V • at AC / rated value / maximum 690 V • at AC / rated value / maximum 640 V • at DC / rated value / maximum 440 V • at AO V / maximum 72 A		
• rated value160 A• at 40 °C / rated value155 A• at 45 °C / rated value145 A• at 50 °C / rated value140 A• at 55 °C / rated value133 ALet-through current / with high-speed activation / maximum permissible15 kA• 400 V23 000 A• 500V23 000 Acut-off value I**2t,max. / 400 V158 000 A²-sMain circuit690 VOperating voltage690 V• at AC / rated value / maximum690 V• at AC / rated value / maximum440 V• at DC / rated value / maximum440 V• at AD C / rated value / maximum440 V		
 at 40 °C / rated value at 45 °C / rated value at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value at 00 V at 00		100.4
 at 45 °C / rated value at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value at 55 °C / rated value at 55 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 23 000 A 500V 23 000 A 23 000 A cut-off value I**2t,max. / 400 V 158 000 A²·s Main circuit Operating voltage at AC / rated value / maximum 690 V at DC / rated value / maximum 440 V Operating current / with capacitive load at 400 V / maximum 72 A 	 rated value 	160 A
 a to 0 / table table a to 0 / rated value a to 0 °C / rated value a to 50 °C / rated value a to 55 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible Let-through current / lc / maximum permissible 400 V 23 000 A 23 000 A cut-off value I**2t,max. / 400 V 158 000 A²·s Main circuit Operating voltage a t AC / rated value / maximum 690 V a t DC / rated value / maximum 440 V current / with capacitive load a t 400 V / maximum 		
 at 55 °C / rated value 133 A Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500 V 23 000 A 23 000 A cut-off value I**2t,max. / 400 V 158 000 A²·s Main circuit Operating voltage at AC / rated value / maximum 690 V at DC / rated value / maximum 440 V at DC / rated value / maximum 440 V at DC / rated value / maximum 72 A 		
Let-through current / with high-speed activation / 15 kA maximum permissible 23 000 A Let-through current / lc / maximum permissible 23 000 A • 400 V 23 000 A • 500V 23 000 A cut-off value I**2t,max. / 400 V 158 000 A²-s Main circuit Operating voltage • at AC / rated value / maximum 690 V • at DC / rated value 440 V • at DC / rated value / maximum 440 V • at AC / rated value / maximum 72 A	• at 45 °C / rated value	145 A
maximum permissibleLet-through current / lc / maximum permissible• 400 V• 400 V23 000 A• 500V23 000 Acut-off value I**2t,max. / 400 V158 000 A²-sMain circuitOperating voltage• at AC / rated value / maximum• 690 V• at DC / rated value440 V• at DC / rated value / maximum440 V• at AC / rated value / maximum690 V• at DC / rated value440 V• at AO V / maximum72 A	 at 45 °C / rated value at 50 °C / rated value 	145 A 140 A
 400 V 500V 23 000 A 23 000 A 23 000 A 23 000 A 158 000 A²·s Main circuit Operating voltage • at AC / rated value / maximum 690 V • at AC / rated value / maximum 690 V • at DC / rated value / maximum 440 V • at DC / rated value / maximum 690 V • at DC / rated value / maximum 690 V • at DC / rated value / maximum 72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value 	145 A 140 A 133 A
 500V 23 000 A cut-off value I**2t,max. / 400 V 158 000 A²·s Main circuit Operating voltage 690 V • at AC / rated value / maximum 690 V • at DC / rated value 440 V • at DC / rated value / maximum 440 V • at DC / rated value / maximum 72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible 	145 A 140 A 133 A
cut-off value I**2t,max. / 400 V 158 000 A²-s Main circuit Operating voltage • at AC / rated value / maximum 690 V • at DC / rated value 440 V • at DC / rated value / maximum 440 V • at DC / rated value / maximum 72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 	145 A 140 A 133 A 15 kA
Main circuit Operating voltage • at AC / rated value / maximum 690 V • at DC / rated value 440 V • at DC / rated value / maximum 440 V • at DC / rated value / maximum 440 V • at 400 V / maximum 72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 	145 A 140 A 133 A 15 kA 23 000 A
Operating voltage 690 V • at AC / rated value / maximum 690 V • at DC / rated value 440 V • at DC / rated value / maximum 440 V Operating current / with capacitive load 72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V 	145 A 140 A 133 A 15 kA 23 000 A 23 000 A
• at AC / rated value / maximum690 V• at DC / rated value440 V• at DC / rated value / maximum440 VOperating current / with capacitive load72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V 	145 A 140 A 133 A 15 kA 23 000 A 23 000 A
• at DC / rated value 440 V • at DC / rated value / maximum 440 V Operating current / with capacitive load 440 V • at 400 V / maximum 72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V cut-off value I**2t,max. / 400 V 	145 A 140 A 133 A 15 kA 23 000 A 23 000 A
 at DC / rated value / maximum Operating current / with capacitive load at 400 V / maximum 72 A 	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V cut-off value I**2t,max. / 400 V Main circuit	145 A 140 A 133 A 15 kA 23 000 A 23 000 A
Operating current / with capacitive load • at 400 V / maximum 72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V cut-off value I**2t,max. / 400 V Main circuit Operating voltage	145 A 140 A 133 A 15 kA 23 000 A 23 000 A 158 000 A ² ·s
• at 400 V / maximum 72 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V cut-off value I**2t,max. / 400 V Main circuit Operating voltage at AC / rated value / maximum 	145 A 140 A 133 A 15 kA 23 000 A 23 000 A 23 000 A 158 000 A²⋅s 690 V
	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V cut-off value I**2t,max. / 400 V Main circuit Operating voltage at AC / rated value / maximum at DC / rated value 	145 A 140 A 133 A 15 kA 23 000 A 23 000 A 23 000 A 158 000 A ² ·s
• at 500 V / maximum 55 A	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V cut-off value I**2t,max. / 400 V Main circuit Operating voltage at AC / rated value / maximum at DC / rated value / maximum 	145 A 140 A 133 A 15 kA 23 000 A 23 000 A 23 000 A 158 000 A ² ·s
	 at 45 °C / rated value at 50 °C / rated value at 55 °C / rated value Let-through current / with high-speed activation / maximum permissible Let-through current / Ic / maximum permissible 400 V 500V cut-off value I**2t,max. / 400 V Main circuit Operating voltage at AC / rated value / maximum at DC / rated value at DC / rated value / maximum 	145 A 140 A 133 A 15 kA 23 000 A 23 000 A 23 000 A 158 000 A²⋅s 690 V 440 V 440 V

Auxiliary circuit	
Number of CO contacts / for auxiliary contacts	0
Number of NC contacts / for auxiliary contacts	0
Number of NO contacts / for auxiliary contacts	0
Suitability Suitability for use	
Main switch	Νο
switch disconnector	Yes
EMERGENCY OFF switch	No
	Yes
safety switch	
 maintenance/repair switch 	Yes
Product details	
Product feature / interlock	Yes
Product component	
Trip indicator	No
 Phase failure monitoring 	No
 undervoltage release 	No
 undervoltage release with leading contact 	No
Product feature / sealable	Yes
Product extension	
Auxiliary switch	Yes
• optional	
— locking capability	Yes
— motor drive	No
— Phase failure monitoring	Yes
— fuse monitoring	Yes
— Voltage trigger	No
 Overvoltage protection monitoring 	Yes
Product function	
Product function	
• fuse monitoring	No
Overvoltage protection monitoring	No
Short circuit Conditional short-circuit current (Iq)	
rated value	80 kA
	80 kA
 at AC / at 500 V / with high-speed activation / rated value 	
 at AC / at 690 V / with high-speed activation / 	50 kA
rated value	

 with closed switch / at AC / at 500 V / rated value with closed switch / at AC / at 690 V / rated value 	120 kA 100 kA
Connections	
Arrangement of electrical connectors / for main current circuit	other
Connectable conductor cross-section / for main contacts	
 single or multi-stranded / minimum 	2.5 mm ²
 single or multi-stranded / maximum 	95 mm²
• stranded / minimum	2.5 mm ²
 stranded / maximum 	95 mm²
Tightening torque / with screw-type terminals	
• minimum	10 N·m
• maximum	12 N·m
Type of electrical connection / for main current circuit	busbar connection

Height Width Depth Mounting position	202 mm 105.8 mm 86.5 mm horizontal/vertical mounting plate
Depth Mounting position	86.5 mm horizontal/vertical
Mounting position	horizontal/vertical
• •	mounting plate
Mounting type	mounting plate
Mounting type	
 floor mounting 	Yes
 front mounting 	No
 front mounting with 4-hole attachment 	No
 front mounting with central attachment 	No
• rail mounting	No
Net weight	0.73 kg
Environmental conditions	
Degree of pollution	3
Ambient temperature	
 during operation / minimum 	-25 °C
 during operation / maximum 	55 °C
 during storage / minimum 	-50 °C
 during storage / maximum 	80 °C
Certificates	

Reference code	
• acc. to DIN EN 61346-2	Q
• acc. to DIN EN 81346-2	Q

General Proc	luct Approval		Declaration of Conformity	Test Certific- ates
	GAN UR	Miscellaneous	EG-Konf.	Type Test Certific- ates/Test Report

Test Certific-	Shipping Approval
ates	
Special Test Certi- ficate	LRS

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=3NP1133-1CA10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3NP1133-1CA10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP1133-1CA10

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





