## 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 designation	Fuse switch disconnector				
design of the safety monitoring	Without				
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				
let-through current with closed switch maximum	23 kA				
mechanical service life (operating cycles) typical	2 000				
I2t value with closed switch maximum	223 kA2.s				
power factor					
• at AC-22 B	0.65				
• at AC-23 B	0.45				
<ul> <li>with capacitive load</li> </ul>	-0.25				
fuse system	LV HRC fuse				
degree of pollution	3				
Voltage					
insulation voltage					
rated value	690 V				
<ul> <li>with degree of pollution 3 at AC rated value</li> </ul>	690 V				
<ul> <li>with degree of pollution 2 at AC rated value</li> </ul>	1 000 V				
power factor at AC-21 B	0.95				
surge voltage resistance rated value	8 kV				
operational current					
• at 35 °C 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				
• at AC-21 B at 240 V rated value	160 A				
• at AC-21 B at 400 V rated value	160 A				
• at AC-21 B at 500 V rated value	160 A				
• at AC-21 B at 690 V rated value	160 A				
• at AC-22 B at 240 V rated value	160 A				
• at AC-22 B at 400 V rated value	160 A				
• at AC-22 B at 500 V rated value	160 A				
• at AC-22 B at 690 V rated value	125 A				

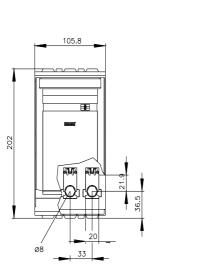
• at AC-23 B at 690 V rated value 35 A	A
• at AC-23 B at 500 V rated value 63 A	A
• at AC-23 B at 400 V rated value 160	A
• at AC-23 B at 240 V rated value 160	A
• at DC-21 B at 120 V rated value 160	A
• at DC-21 B at 240 V rated value 160	A
• at DC-21 B at 440 V rated value 160	A
• at DC-22 B at 120 V rated value 160	A
• at DC-22 B at 240 V rated value 160	A
• at DC-22 B at 440 V rated value 125	5 A
• at DC-23 B at 120 V rated value 100	A
• at DC-23 B at 240 V rated value 100	A
• at DC-23 B at 440 V rated value 63 A	A
let-through current with high-speed activation maximum 15 k permissible	кА
operating voltage	
• at AC rated value maximum 690	V
• at DC rated value 440	V
• at DC rated value maximum 440	V
Protection class	
protection class IP	
with closed switch with cover or cable lug cover	0
with closed switch without cover or cable lug cover	
• open IP2	
Dissipation	
power loss [W]	
with conventional rated thermal current without fuse per 5 W pole	/
with conventional rated thermal current without fuse per 15 \     device	W
for rated value of the current at AC in hot operating state     per pole	w
of the fuse per fuse maximum	
Main circuit	
operational current	
rated value     160	A
with capacitive load at 400 V rated value	A
with capacitive load at 500 V rated value	
Auxiliary circuit	
number of CO contacts for auxiliary contacts 0	
number of NC contacts for auxiliary contacts	
number of NC contacts for auxiliary contacts 0	
number of NO contacts for auxiliary contacts 0	
number of NO contacts for auxiliary contacts         0           Suitability         0	
number of NO contacts for auxiliary contacts     0       Suitability     suitability for use main switch	A
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes	A
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No	A 
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes	A 
number of NO contacts for auxiliary contacts       0         Suitability       suitability         suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes	A 
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details	A 
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details       product function phase failure monitoring       No	A 
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details       Product function phase failure monitoring       No         product component       No	A 
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details       product function phase failure monitoring       No         product component       volden       No	A 
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details       product function phase failure monitoring       No         product component       • undervoltage release       No         • undervoltage release with leading contact       No	A
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details          product function phase failure monitoring       No         product component          • undervoltage release       No         • undervoltage release with leading contact       No         product feature sealable       Yes	A
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details          product function phase failure monitoring       No         product component          • undervoltage release       No         • undervoltage release with leading contact       No         product feature sealable       Yes         product extension auxiliary switch       Yes	A
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details          product function phase failure monitoring       No         product component          • undervoltage release       No         • undervoltage release with leading contact       No         product feature sealable       Yes         product extension auxiliary switch       Yes	A
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details       product function phase failure monitoring       No         product component       .       .         • undervoltage release       No       .         product feature sealable       Yes       .         product extension auxiliary switch       Yes       .         product extension optional       .       .         • locking capability       Yes       .	
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details       Product details         product function phase failure monitoring       No         product component       No         • undervoltage release       No         • undervoltage release       No         product feature sealable       Yes         product extension auxiliary switch       Yes         product extension optional       Yes         • locking capability       Yes         • phase failure monitoring       Yes	A
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details          product function phase failure monitoring       No         product component          • undervoltage release       No         • undervoltage release with leading contact       No         product feature sealable       Yes         product extension auxiliary switch       Yes         product extension optional          • locking capability       Yes	
number of NO contacts for auxiliary contacts       0         Suitability       suitability for use main switch       No         suitability for use switch disconnector       Yes         suitability for use switch disconnector       Yes         suitability for use EMERGENCY OFF switch       No         suitability for use safety switch       Yes         suitability for use maintenance/repair switch       Yes         Product details          product function phase failure monitoring       No         product component          • undervoltage release       No         • undervoltage release with leading contact       No         product feature sealable       Yes         product extension auxiliary switch       Yes         • locking capability       Yes         • phase failure monitoring       Yes	

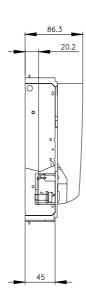
product directivit     No       Start directivit     Contribute districtivit current (ig)     Image: Contribute districtivit current (ig) <ul> <li>All C all 240 V with high-speed activation namburing</li> <li>All C all 240 V with high-speed activation namburing</li> <li>All C all 240 V with high-speed activation namburing</li> <li>All C all 240 V with high-speed activation namburing</li> <li>All C all 240 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All C all 250 V with high-speed activation namburing</li> <li>Viet All 250 N</li> <li>Viet All 250 N<th>Product function</th><th></th><th></th><th></th><th></th><th></th></li></ul>	Product function					
Short dividi conditional individual current (b)			No			
continuent short-forcut current (lg) <ul> <li>If A G at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V with high-speed adviation rated value</li> <li>If A C at 800 V value V rated value</li> <li>If A C at 800 V value V rated value</li> <li>If A C at 800 V value V rated value</li> <li>If A C at 800 V rated value</li> <li>If A C at 800 V value V rated value</li> <li>If A C at 800 V rated va</li></ul>		1.00				
a rel A cli 240 V with high-speed activation relativation     80 kA       a rel A cli 260 V with high-speed activation relativation     80 kA       a with closed switch an A cli 240 V rate value     100 kA       a with closed switch an A cli 240 V rate value     100 kA       a with closed switch an A cli 240 V rate value     100 kA       a with closed switch an A cli 240 V rate value     100 kA       a with closed switch an A cli 240 V rate value     100 kA       a with closed switch an A cli 240 V rate value     100 kA       a with closed switch an A cli 240 V rate value     100 kA       a with closed switch an A cli 240 V rate value     25 mm²       a with closed switch an A cli 240 V rate value     25 mm²       a with closed switch an A cli 240 V rate value     25 mm²       a with closed switch an A cli 240 V rate value     25 mm²       a with closed switch an A cli 240 V rate value     24 m²       a with closed switch an A cli 240 V rate value     25 mm²       a with and maximum     25 mm²       a with switch and an and training     24 m²       a with and an and training with and an and training with an and training with and an and training with and an and training with an and traini						
a rt AC at 500 V with high-speed activation rated value     80 kA       a with closed switch at AC at 240 V rated value     120 kA       a with closed switch at AC at 500 V rated value     120 kA       a with closed switch at AC at 500 V rated value     120 kA       a with closed switch at AC at 500 V rated value     120 kA       a with closed switch at AC at 500 V rated value     100 kA       a with closed switch at AC at 500 V rated value     100 kA       a with closed switch at AC at 500 V rated value     100 kA       a with closed switch at AC at 500 V rated value     100 kA       a with closed switch at AC at 500 V rated value     100 kA       a with closed switch at AC at 500 V rated value     100 kA       a with at AC at 500 V rated value     100 kA       a with at AC at 500 V rated value     100 kA       a with at AC at 500 V rated value     25 mm²       a with at AC at 500 V rated value     100 kA       b with at AC at 500 V rated value     100 kA       a with at AC at 500 V rated value     25 mm²       a with at AC at 500 V rated value     100 kA       b with at AC at 500 V rated value     100 kA       b with at AC at 500 V rated value     100 kA       b with at AC at 500 V rated value     100 kA       b with at AC at 500 V rated value     100 kA       b with at AC at 500 V rated value     100 kA <td></td> <td>d value</td> <td>80 kA</td> <td></td> <td></td> <td></td>		d value	80 kA			
• Al C at 800 V min Non-Sected addition relet value     50 M       • with closed switch at C at 240 V rated value     120 M       • with closed switch at C at 800 V rated value     100 M       • and closed switch at C at 600 V rated value     100 M       • and closed switch at C at 600 V rated value     100 M       • and closed switch at C at 600 V rated value     100 M       • and closed switch at C at 600 V rated value     100 M       • and closed switch at C at 600 V rated value     100 M       • and closed switch at C at 600 V rated value     100 M       • and closed switch at C at 600 V rated value     25 mm <sup>2</sup> • and closed rated maximum     25 mm <sup>2</sup> • and closed rated maximum     25 mm <sup>2</sup> • and closed switch at C at 600 V rated value     24 x 12 mm       • and closed rated maximum     95 mm <sup>2</sup> • and closed switch at C at 600 V rated value     24 x 12 mm       • and closed rated maximum     95 mm <sup>2</sup> • and closed switch at C at 600 V rated value     24 x 12 mm       • and closed rated maximum     95 mm <sup>2</sup> • and closed switch at C at 600 V rated value     24 x 12 mm       • and closed rated maximum     90 mm <sup>2</sup> • and closed rated maximum     90 mm <sup>2</sup> • and closed rated maximum     20 mm <sup>2</sup> • and closed rated maximum     20 mm <sup>2</sup> • an						
<ul> <li>with closed switch at AC at S00 V rated value         <ul> <li>120 AA</li> <li>130 AA</li> <li>130 AA</li> </ul> </li> <li>130 AA</li> <li>140 AA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</li></ul>						
• With closed with a IAC at 600 V rated value     120 IA       • with closed with a IAC at 600 V rated value     100 IA       • management of decifical connectors for main contacts     0 for       • exide or standed minimum     2.5 mm²       • exide or one cubic or cross sections of the laminated conductor cross sections of the laminated conductor management     24 x 12 mm       • order connectable conductor cross sections of the laminated conductor cross sections of the laminated conductor monagement     26 mm²       • order connectable conductor cross sections of the laminated conductor monagement     26 mm²       • order connectable conductor cross sections of the laminated conductor monagement     26 mm²       • faitering method     90 for mo       • samadem manine     90 for mo       • samadem method     90 for mo       • samadem method     90 for conductor cross sections of the laminated conductor cross sections of the laminated conductor cross sections of the laminated conductor cross sections conductor cross sections of the laminated conductor cro	• •					
evint closed switch at AC at 880 V rated value     100 IA       Connections     other       connectible conductor rores section for main current orcul     other       evide of standed maintum     95 mm²       traintimum     10 Nm       evide of standed maintum     95 mm²       traintimum     10 Nm       evide of standed maintum     95 mm²       type of connection technology     Piat terminal       Machanical Design     10 A       type of connection technology     Piat terminal       Machanical Design     10 A       statening method     60 mounting pole       fastening method     90 mounting pole       fastening method     90 re       evid with     073 kg       Environmental Conductor     50 °C       ambient temperature during storage     50 °C       envinem     80 °C       Continuetion     50 °C       Staten     80 °C       Continuetion     50 °C       envinem     80 °C <t< td=""><td></td><td></td><td colspan="2"></td><td></td><td></td></t<>						
Connections     other       arrangement of decinal connectors connectors (connectors)     other       e-solid or standed maintum     2.5 mm²       e-solid or standed maintum     2.5 mm²       e-standed maintum     10 N m       -maintum     12 N m       Ype of connectors technology     Plat terminal       Machanical Design     maintum       depth     202 mm       width     105.8 mm       depth     85 mm       fastening method     mounting plate       fastening method     mounting plate       e-stander     0.7 stag       enamethod     -stander       e-stander     -stander       e-stander     -stander       e-stander     -stander       fastening method     -stander       e-stander     -stander       e-stander     -stander </td <td></td> <td></td> <td colspan="2"></td> <td></td> <td></td>						
arrangement of electrical connectors for main current circuit     other       connectable conductor ross-section for main contacts     2.5 mm²       e-solid of standed minimum     95 mm²       e-standed runnimum     95 mm²       e-mainum     95 mm²       tightering torgroup with correx-type terminals     10 N m       e-mainum     12 N m       type of connectable conductor cross-sectors of the laminated     24 x 12 mm       Vege of connectable conductor cross-sectors of the laminated     24 x 12 mm       width     106 S mm       depth     605 mm       fastening method     mounting pate       fastening method     mounting pate       fastening method     0.73 kg       Environmental conditions     amioint temperature during storage       e-inimum     -60 °C       e-mainum     <			100101			
constabile conductor cross-section for main contacts     2.5 mm <sup>2</sup> a solid or stranded mainum     2.5 mm <sup>2</sup> a solid or stranded mainum     2.5 mm <sup>2</sup> a stranded mainum     10 N m       • mainum     12 N m       a stranded mainum     2.8 mm <sup>2</sup> b strande double conductor cross-sections of the laminated     2.4 x 12 mm       a conductors mainum     2.0 mm       transform     2.0 mm <sup>2</sup> b stranded mainum     2.0 mm       transform     2.0 mm       transform     2.0 mm <sup>2</sup> b stranded mainum     2.0 mm       transform     2.0 mm       transform     2.0 mm       transform     0.0 mounting plate       f a tatering method     mounting plate       f a tatering method     mounting plate       a f or mounting     Yes       mounting position     horizontal/vertical       e notinum     2.5 °C       <		t circuit	other			
<ul> <li>a solid or stranded maximum</li> <li>a solid or stranded maximum</li> <li>a stranded maximum</li> <li>a stranded maximum</li> <li>a stranded maximum</li> <li>b stranded maximum</li> <li>c stranded maximum</li> <li>d stranded stranded maximum<td></td><td></td><td>ouner</td><td></td><td></td><td></td></li></ul>			ouner			
• solid or stranded maximum     95 mm <sup>3</sup> • stranded maximum     25 mm <sup>3</sup> • stranded maximum     95 mm <sup>3</sup> • stranded maximum     10 Nm       • maximum     12 Nm       • maximum     12 Nm       • get connection technology     Piot terminal       • Methanical Design     24 x 12 mm       • design     202 mm       • with     10 N m       • maximum     10 N m       • get connection technology     Piot terminal       • Methanical Design     24 x 12 mm       • design     202 mm       • with     10 N m       • rain mounting     00 N m       • non rounting     24 x 12 mm       • non rounting     24 x 12 mm       • non rounting     10 N m       • non rounting     Yes       • non rounting     Yes       • non rounting     No       • nonting     0.73 kg       Environmental conditions     10 N m       • nontinum     50 °C       • nontinum     50 °C       • notinum     50 °C       • notinum     50 °C       • notinum     50 °C       • reference code according to EC 81346.2     Q       Oppovale Certificates     Marine / Shipping       Maceilaneous			$2.5 \text{ mm}^2$			
<ul> <li>standed minimum</li> <li>25 mm<sup>2</sup></li> <li>98 mm<sup>3</sup></li> <li>98 m<sup>3</sup></li> <li>98 m<sup>3</sup></li></ul>						
• standed maximum     95 mm³       Iightining torque with screw-type terminals     10 N m       • makimum     12 N m       type of connection technology     Flat terminal       Methanical debios     24 x 12 mm       Type of connection technology     Flat terminal       Methanical debios     202 mm       width     605 mm       depth     605 mm       depth     605 mm       depth     605 mm       fastering method     mounting plate       fastering method     mounting plate       fastering method     mounting plate       in mounting position     No       mounting position     0.73 kg       Tervicomental conditions     25 °C       amblent temperature during operation						
tightening torque with screw-type terminals     10 N m       in minimum     12 N m       type of connectable conductor arcss-sections of the laminated     24 x 12 mm       conductors maximum     24 x 12 mm       type of connectable conductor arcss-sections of the laminated     24 x 12 mm       conductors maximum     10 S mm       tight maximum     10 S mm       depth     86 5 mm       fastening method     86 5 mm       fastening method     mounting plate       fastening method     86 5 mm       fastening method     90 Kmm       indimum     0.73 kg       fastening method storage     55 °C       ambient temperature during storage     50 °C       inminum     50 °C       ccraftificates     60 rerol       forece code according to IEC 81346-2     Q       forece code according to IEC 81346-2     Q       forece code						
• maximum     10 N m       • maximum     12 N m       12 N m     12 N m       12 N m     12 N m       12 N m     12 N m       Standards     42 N 12 mm       Standards     Flat terminal       Mechanical Design     Flat terminal       Methalical Design     68 5 mm       fastening method     mounting plate       fastening method     mounting plate       fastening method     mounting plate       fastening method     No       inali mounting     Yes       mounting position     No for mounting       mounting position     No for mounting       minimum     -25 ° C       i maximum     20 ° C       Centificates			95 mm-			
• maximum     12 N m       type of connectable conductor cross-sections of the laminated     24 x 12 mm       type of connectable conductor arcos-sections of the laminated     24 x 12 mm       Mechanical Design     File terminal       Mechanical Design     69 cm       width     05.8 mm       dopth     68.5 mm       fastening method     mounting plate       fastening method     mounting plate       fastening method     mounting plate       fastening method     not velopt       in floor mounting     Yes       in our working     Yes       minimum     25 °C       emaximum     50 °C       ambient temperature during storage			10 N m			
by conclusion cross-sections of the laminated conductors maximum     24 x 12 mm       by conclusion conclusion     Flat terminal       Mechanical Dosign     Flat terminal       height     202 mm       width     105.8 mm       depth     86.5 mm       fastening method     mounting plate       fastening method     mounting plate       fastening method     noncontal/vertical       e idio mounting     Yes       e idio mounting position     No       mounting position     No       e mounting position     Portromental conditions       ambient temperature during storage     minimum       e maximum     55 °C       ambient temperature during storage     minimum       e maximum     50 °C       e maximum <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
contentions     Plat terminal       Mechanical Design     202 mm       height     202 mm       width     106.8 mm       dopth     66.5 mm       fastening method     mounting plate       fastening method     mounting plate       if astening method     mounting plate       if astening method     non						
type of connection technology     Flat terminal       Mechanical Dosign     Mechanical Dosign       height     202 mm       width     105.8 mm       depth     86.5 mm       fastening method     mounting plate       fastening method     mounting plate       fastening method     mounting plate       fastening method     mounting plate       fastening method     horizontal/vertical       net weight     0.73 kg <b>Zvironnential conditions</b> 55 °C       ambient temperature during storage     55 °C       e minimum     -25 °C       e minimum     55 °C       ambient temperature during storage     -50 °C       e minimum     -50 °C       General Product Approval     EEEE       General Product Approval     Confirmation       Miscelianeous     Type Test Certificates       Miscelianeous     Type Test Certificates       Miscelianeous     Type Test Certificates       other     Environment		aminated	24 x 12 mn	1		
Machanical Design     202 mm       height     202 mm       width     105.8 mm       depth     96.5 mm       fastening method     mounting plate       fastening method     mounting plate       fastening method     mounting plate       if for mounting     Yes       if for mounting     No       mounting position     horizontal/vertical       net weight     0.73 kg       Environmental conditions     ambient temperature during operation       if minimum     -25 °C       imaximum     55 °C       ambient temperature during storage			Flat termina	al		
height     202 mm       width     105.8 mm       depth     80.5 mm       fastening method     mounting plate       fastening method     mounting plate       if atom mounting     Yes       if and mounting     No       mounting position     horizontal/vertical       net weight     0.73 kg       Environmental conditions						
width     105.8 mm       depth     86.5 mm       fastening method     mounting plate       fastening method     mounting plate       i fastening method     Yes       i fastening method     No       i fastening method     Yes       i fastening method     No       i fastening method     No       i fastening method     No       i fastening position     horizontal/vertical       net weight     0.73 kg       Environmental conditions     ambient temperature during operation       i minimum     -25 °C       i maximum     55 °C       ambient temperature during storage     -       i minimum     -50 °C       i maximum     80 °C       Certificates     General Product Approval       Certificates     Confirmation       General Product Approval     Test Certificates       Miscellaneous     Type Test Certificates ates       Miscellaneous     Type Test Certificates ates       Other     Environment			202 mm			
depth     86.5 mm       fastening method     mounting plate       fastening method     mounting plate       fastening method     No       e nor mounting     No       mounting position     horizontal/vertical       net weight     0.73 kg       Environmental conditions     0.73 kg       ambient temperature during operation     0.73 kg       e maximum     -25 ° C       ambient temperature during storage						
fastening method     mounting plate       fastening method     indiminantial       is floor mounting     Yes       i all mounting     No       mounting position     horizontal/vertical       net weight     0.73 kg       Privronmental conditions						
fastening method <ul> <li>foor mounting</li> <li>is foor mounting</li> <li>No</li> <li>mounting position</li> <li>horizontal/vertical</li> <li>not weight</li> <li>0.73 kg</li> <li>Environmental conditions</li> <li>ambient temperature during operation</li> <li>ininimum</li> <li>-55 °C</li> <li>ambient temperature during storage</li> <li>ininimum</li> <li>-50 °C</li> <li>amaximum</li> <li>-50 °C</li> <li>amaximum</li> <li>-50 °C</li> <li>confirmation</li> <li>-60 °C</li> <li>confirmation</li> <li>-60 °C</li> <li>-60 °C</li></ul>						
• foor mounting     Yes       • iall mounting     No       mounting position     horizontal/vertical       net weight     0.73 kg       Environmental conditions     ambient temperature during operation       • minimum     -25 °C       • maximum     55 °C       ambient temperature during storage			mounting p	late		
• rail mounting     No       mounting position     horizontal/vertical       net weight     0.73 kg       Environmental conditions       ambient temperature during operation       • maximum     -25 °C       • maximum     -55 °C       ambient temperature during storage     -       • minimum     -55 °C       ambient temperature during storage     -       • minimum     -50 °C       • maximum     65 °C       ambient temperature during storage     -       • minimum     -50 °C       • maximum     60 °C       Certificates       Certificates       Certificates       Centificates       Confirmation       Test Certificates       Centificates       Centificates       Centificates       Centificates       Miscellaneous       Type Test Certificate       Miscellaneous       Centificates       Miscellaneous       Special Test Certificate       Miscellaneous       List	-		Vec			
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ambient temperature during operation       -25 °C         • minimum       -25 °C         • maximum       55 °C         ambient temperature during storage       -50 °C         • minimum       -50 °C         • maximum       80 °C         Certificates	-	_	0.73 kg			
e minimum -25 °C e maximum 55 °C amblent temperature during storage e minimum -50 °C maximum 80 °C Certificates reference code according to IEC 81346-2 Q Approvals Certificates General Product Approval General Product Approval Miscellaneous Miscellaneous ther Environment Environment		_	_	_		
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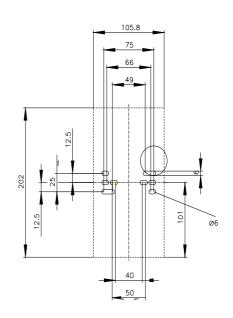
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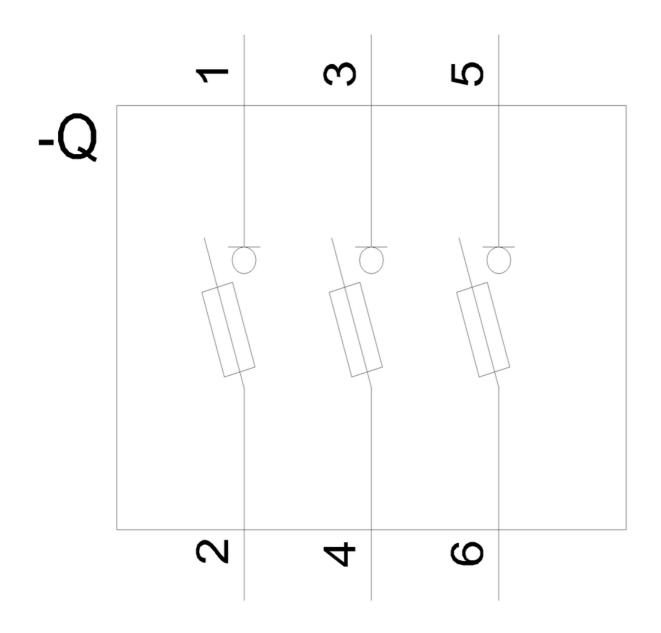
- Information on the packaging
- https://support.industry.siemens <u>com/cs/ww/en/view/109813875</u>
- Information- and Downloadcenter (Catalogs, Brochures,...)
- http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system)
- https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NP1133-1CA10
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- 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**

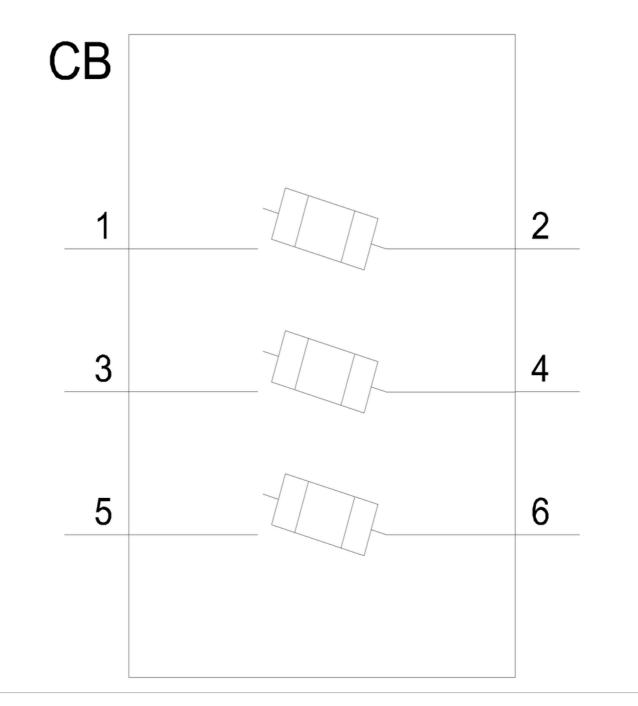
http://www.siemens.com/specifications











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