## **SIEMENS**

Data sheet 3NP1141-1DA20

SENTRON, fuse switch disconnector 3NP1, 1-pole, NH1, 250 A, for assembly and installation on mounting plate, Box terminal, cover level 70mm



Model	
Product brand name	SENTRON
Product designation	3NP1 fuse switch disconnector
Design of the product	cover level 70 mm
Design of the safety 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	1
Type of device	For assembly and installation on mounting plate
Size of disconnecting link	1 and 0
Size of fuse link	NH0, NH1
Operating current / at 35 °C / rated value	250 A
Let-through current / with closed switch / maximum permissible	32 kA
Power factor	
● at AC-22 B	0.65
● at AC-23 B	0.35

circuit-breaker / Design  Mechanical service life (switching cycles) / typical  Fuse system  Degree of pollution  Voltage  Insulation voltage  • rated value • with degree of pollution 2 / at AC / rated value • with degree of pollution 2 / at AC / rated value  1 000 V  Power factor / at AC-21 B  Surge voltage resistance / rated value  Surge voltage resistance / rated value  Operating current / at AC / rated value  • at AC / rated value / maximum  240 V  • at DC / rated value / maximum  120 V
Fuse system  Degree of pollution  3  Voltage  Insulation voltage  • rated value • with degree of pollution 3 / at AC / rated value • with degree of pollution 2 / at AC / rated value  1 000 V  Power factor / at AC-21 B  Surge voltage resistance / rated value  Surge voltage resistance / rated value  Operating current / at AC / rated value  • at AC / rated value / maximum  240 V  • at DC / rated value  120 V
Degree of pollution  Voltage Insulation voltage  • rated value  • with degree of pollution 3 / at AC / rated value  • with degree of pollution 2 / at AC / rated value  1 000 V  Power factor / at AC-21 B  Surge voltage resistance / rated value  Surge voltage resistance / rated value  Operating current / at AC / rated value  250 A  Operating voltage  • at AC / rated value / maximum  • at DC / rated value  120 V
Voltage  Insulation voltage  • rated value  • with degree of pollution 3 / at AC / rated value  • with degree of pollution 2 / at AC / rated value  1 000 V  Power factor / at AC-21 B  Surge voltage resistance / rated value  Operating current / at AC / rated value  250 A  Operating voltage  • at AC / rated value / maximum  • at DC / rated value  120 V
Insulation voltage  • rated value  • with degree of pollution 3 / at AC / rated value  • with degree of pollution 2 / at AC / rated value  • with degree of pollution 2 / at AC / rated value  1 000 V  Power factor / at AC-21 B  0.95  Surge voltage resistance / rated value  8 kV  Operating current / at AC / rated value  250 A  Operating voltage  • at AC / rated value / maximum  240 V  • at DC / rated value  120 V
<ul> <li>rated value</li> <li>with degree of pollution 3 / at AC / rated value</li> <li>with degree of pollution 2 / at AC / rated value</li> <li>Power factor / at AC-21 B</li> <li>Surge voltage resistance / rated value</li> <li>Operating current / at AC / rated value</li> <li>Operating voltage</li> <li>at AC / rated value / maximum</li> <li>at DC / rated value</li> <li>120 V</li> </ul>
<ul> <li>with degree of pollution 3 / at AC / rated value</li> <li>with degree of pollution 2 / at AC / rated value</li> <li>1 000 V</li> <li>Power factor / at AC-21 B</li> <li>Surge voltage resistance / rated value</li> <li>Operating current / at AC / rated value</li> <li>Operating voltage</li> <li>at AC / rated value / maximum</li> <li>at DC / rated value</li> <li>120 V</li> </ul>
<ul> <li>with degree of pollution 2 / at AC / rated value</li> <li>Power factor / at AC-21 B</li> <li>Surge voltage resistance / rated value</li> <li>Operating current / at AC / rated value</li> <li>Operating voltage</li> <li>at AC / rated value / maximum</li> <li>at DC / rated value</li> <li>1 000 V</li> <li>8 kV</li> <li>250 A</li> <li>Operating voltage</li> <li>at AC / rated value / maximum</li> <li>240 V</li> <li>at DC / rated value</li> <li>120 V</li> </ul>
Power factor / at AC-21 B  Surge voltage resistance / rated value  Operating current / at AC / rated value  Operating voltage  • at AC / rated value / maximum  • at DC / rated value  120 V
Surge voltage resistance / rated value 8 kV  Operating current / at AC / rated value 250 A  Operating voltage  • at AC / rated value / maximum 240 V  • at DC / rated value 120 V
Operating current / at AC / rated value 250 A  Operating voltage  • at AC / rated value / maximum 240 V  • at DC / rated value 120 V
Operating voltage  • at AC / rated value / maximum  • at DC / rated value  120 V
<ul> <li>at AC / rated value / maximum</li> <li>at DC / rated value</li> <li>120 V</li> </ul>
• at DC / rated value 120 V
a at DC / rated value / maximum
at DC / rated value / maximum     120 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 IP40
• open IP20
Dissipation
Power loss [W]
• with conventional rated thermal current / 8 W without fuse / per pole
<ul> <li>with conventional rated thermal current /</li> <li>without fuse / per device</li> </ul>
• for rated value of the current / at AC / in hot operating state / per pole
• of the fuse / per fuse / maximum 23 W
Current
Operating current
• at AC-23 B / at 240 V / rated value 250 A
• at AC-22 B / at 240 V / rated value 250 A
• at AC-21 B / at 240 V / rated value 250 A
<ul> <li>at AC-21 B / at 240 V / rated value</li> <li>at DC-23 B / at 120 V / rated value</li> <li>250 A</li> <li>200 A</li> </ul>

Continuous current	• at DC-21 B / at 120 V / rated value	250 A
• at 40 °C / rated value	Continuous current	
at 45 °C / rated value at 50 °C / rated value 233 A at 55 °C / rated value 233 A 233 A  Let-through current / with high-speed activation / maximum permissible  Main circuit  Operating current • rated value • with capacitive load / at 400 V / rated value • with capacitive load / at 500 V / rated value • with capacitive load / at 500 V / rated value • with capacitive load / at 500 V / rated value  55 A  Auxiliary circuit  Number of CO contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Suitability  Suitability  Suitability  For use • Main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • reproduct details  Product details  Product details  Product component / Trip indicator • Product component / undervoltage release with leading contact  Product component / undervoltage release with leading contact  Product eature / sealable • Product component / undervoltage release with leading contact  Product extension / Auxiliary switch  Product extension / Auxiliary switch  Product extension / optional • locking capability • Yes • Phase failure monitoring • Use monitoring • Voltage trigger	• rated value	250 A
at 55 °C / rated value 233 A  at 55 °C / rated value 233 A  Let-through current / with high-speed activation / maximum permissible  Main circuit  Operating current  at rated value 250 A  with capacitive load / at 400 V / rated value 55 A  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  Number of NO contacts / for auxiliary contacts 0  Number of NO contacts / for auxiliary contacts 0  Number of NO contacts / for auxiliary contacts 0  Number of NO contacts / for auxiliary contacts 0  Number of NO contacts / for auxiliary contacts 0  Number of NO contacts / for auxiliary contacts 0  Number of NO contacts / for auxiliary contacts 0  Product disconnector Yes  a Main switch No  asafety switch Yes  and the switch Yes  Product details  Product details  Product details Yes a failure monitoring No  Product function / Phase failure monitoring No  Product feature / sealable Yes  Product extension / Auxiliary switch Yes  Product extension / Optional  a locking capability Yes  Coking capability Yes  Product component or yes No  a locking capability Yes  Product extension / Auxiliary switch Yes  Product extension / Auxiliar	• at 40 °C / rated value	245 A
• at 55 °C / rated value 233 A  Let-through current / with high-speed activation / maximum permissible  Main circuit  Operating current • rated value 250 A • with capacitive load / at 400 V / rated value 72 A • with capacitive load / at 500 V / rated value 55 A  Auxiliary circuit  Number of CO contacts / for auxiliary contacts 0  Number of NO contacts / for auxiliary contacts 0  Number of NO contacts / for auxiliary contacts 0  Suitability  Suitability  Suitability  Suitability or use • Main switch No • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes  Product details  Product details  Product component / Trip indicator No • Product component / Indervoltage release No • Product component / undervoltage release with leading contact  Product feature / sealable Yes  Product extension / Auxiliary switch Yes  Product extension / Auxiliary switch Yes  Product extension / Jouniliary switch Yes  Product component / Undervoltage release No • Product catension / Jouniliary switch Yes  Product extension / Jouniliary switch No • Passe failure monitoring No • Use monitoring Yes • Voltage trigger	• at 45 °C / rated value	240 A
Let-through current / with high-speed activation / maximum permissible  Main circuit  Operating current  • rated value • with capacitive load / at 400 V / rated value • with capacitive load / at 500 V / rated value  55 A  Auxiliary circuit  Number of CO contacts / for auxiliary contacts  Number of NC contacts / for auxiliary contacts  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  No  • Main switch  • Main switch  • Switability  Suitability  Suitability for use  • Main switch  • Switch disconnector  • EMERGENCY OFF switch  • Safety switch  • safety switch  • safety switch  • real contact / repair switch  Product dealure / interlock  • Product dealure / interlock  • Product component / Trip indicator  • Product feature / interlock  • Product component / undervoltage release  • Product component / undervoltage release  • Product component / undervoltage release  • Product component / undervoltage release with leading contact  Product cature / sealable  • Product extension / Auxiliary switch  • Yes  Product extension / Auxiliary switch  • Product extension / Optional  • locking capability  • motor drive  • Phase failure monitoring  • Voltage trigger  No	• at 50 °C / rated value	233 A
maximum permissible  Main circuit Operating current  • rated value • with capacitive load / at 400 V / rated value • with capacitive load / at 500 V / rated value  • with capacitive load / at 500 V / rated value  55 A  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  Suitability  Suitability  Suitability  Funduct disconnector • Main switch • Switch disconnector • EMERGENCY OFF switch • maintenance/repair switch  Product feature / interlock • Product component / Trip indicator • Product component / Trip indicator • Product component / Trip indicator • Product component / undervoltage release • Product component / undervoltage release • Product component / undervoltage release with leading contact  Product feature / sealable • Product extension / Auxiliary switch  Product extension / Optional • locking capability • motor drive • Phase failure monitoring • fuse monitoring • fuse monitoring • Voltage trigger	• at 55 °C / rated value	233 A
Operating current  • rated value • with capacitive load / at 400 V / rated value • with capacitive load / at 500 V / rated value • with capacitive load / at 500 V / rated value • with capacitive load / at 500 V / rated value  • with capacitive load / at 500 V / res  • with capacitive load / at 500 V / res  • with capacitive load / at 500 V / res  • with capacitive load / res  • with capa		25 kA
rated value     with capacitive load / at 400 V / rated value     with capacitive load / at 500 V / rated value     with capacitive load / at 500 V / rated value     55 A  Auxiliary circuit  Number of NC contacts / for auxiliary contacts     0  Number of NC contacts / for auxiliary contacts     0  Number of NC contacts / for auxiliary contacts     0  Suitability  Product defails  Product defails  Product defails  Product defails  Product feature / interlock  Product feature / interlock  Product function / Phase failure monitoring  Product component / undervoltage release with leading contact  Product component / undervoltage release with leading contact  Product feature / sealable  Product extension / Auxiliary switch  Product extension / Auxiliary switch  Yes  Product extension / Auxiliary switch  Yes  Product extension / Auxiliary switch  No  Phase failure monitoring  No  Phase failure monitoring  No  Fuse monitoring  Voltage trigger  No	Main circuit	
with capacitive load / at 400 V / rated value with capacitive load / at 500 V / rated value standard contacts / for auxiliary contacts  Number of CO contacts / for auxiliary contacts  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  No witch disconnector Main switch witch disconnector EMERGENCY OFF switch witch yes  Product details  Product details  Product component / Trip indicator Product component / Indervoltage release Product component / undervoltage release Product detailer / Product component / undervoltage release / No Product ceture / sealable / Yes Product extension / Auxiliary switch / Yes Product extension / Auxiliary switch / Yes Product extension / pitonal Locking capability / Yes Product drive / No Phase failure monitoring / No Fuse monitoring / Yes Voltage trigger	Operating current	
with capacitive load / at 500 V / rated value  Auxiliary circuit  Number of CO contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts   Suitability  Yes  EMERGENCY OFF switch  No  Safety switch  Yes  Product details  Product details  Product details  Product details  Product details  Product component / Trip indicator  Product component / Indervoltage release  No  Product component / Undervoltage release  No  Product component / Undervoltage release with leading contact  Product component / Undervoltage release with leading contact  Product extension / Auxiliary switch  Yes  Product extension / Optional  Ioking capability  Yes  Product extension / Optional  Ioking capability  Yes  Product component on the component of the compone	• rated value	250 A
Auxiliary circuit  Number of CO contacts / for auxiliary contacts 0  Number of NC contacts / for auxiliary contacts 0  Number of NC contacts / for auxiliary contacts 0  Suitability  Suitability  Suitability  Suitability for use  • Main switch No • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes  Product details  Product details  Product feature / interlock Yes • Product component / Trip indicator No • Product component / undervoltage release No • Product component / undervoltage release with leading contact  Product feature / sealable Yes  Product extension / Auxiliary switch Yes  Product extension / Auxiliary switch Yes  Product extension / optional • locking capability Yes • motor drive No • Phase failure monitoring No • Insert of the product of the	<ul> <li>with capacitive load / at 400 V / rated value</li> </ul>	72 A
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 Suitability for use  Main switch No switch disconnector Yes EMERGENCY OFF switch No safety switch Yes maintenance/repair switch Yes  Product details  Product details  Product component / Trip indicator No Product component / Inip indicator No Product details No Product details No Product details No Product component / Inip indicator No Product details No Product component / Inip indicator No Product details No Product component / Inip indicator No Product teature / Sealable No Product eature / Sealable Yes Product extension / Auxiliary switch Yes Product extension / Optional Locking capability Yes motor drive No Phase failure monitoring No Insurance / Sealable No Phase failure monitoring No	• with capacitive load / at 500 V / rated value	55 A
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 Suitability for use  • Main switch No • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes  Product details  Product details  Product component / Trip indicator No • Product component / In principal no No • Product component / undervoltage release No • Product component / undervoltage release No • Product cature / sealable Yes  Product eature / sealable Yes  Product extension / Auxiliary switch Yes  Product extension / Optional • locking capability Yes • motor drive No • Phase failure monitoring No • Phase failure monitoring No • Phase failure monitoring No • Product extension / Optional • locking capability Yes • motor drive No • Phase failure monitoring Yes • Voltage trigger	Auxiliary circuit	
Number of NO contacts / for auxiliary contacts  Suitability  Suitability  • Main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch  Product details  Product details  Product feature / interlock • Product component / Trip indicator • Product function / Phase failure monitoring • Product component / undervoltage release • Product component / undervoltage release with leading contact  Product feature / sealable  Product extension / Auxiliary switch  Product extension / optional • locking capability • motor drive • Phase failure monitoring • fuse monitoring • fuse monitoring • fuse monitoring • Voltage trigger		0
Suitability Suitability Suitability for use  • Main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch  Product details  Product feature / interlock • Product function / Phase failure monitoring • Product component / Irrip indicator • Product component / undervoltage release • Product component / undervoltage release with leading contact  Product feature / sealable Product extension / Auxiliary switch  Product extension / Apixiliary switch  Product extension / optional • locking capability • motor drive • motor drive • Phase failure monitoring • fuse monitoring • fuse monitoring • Voltage trigger	Number of NC contacts / for auxiliary contacts	0
Suitability for use  • Main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch  Product details  Product feature / interlock • Product function / Phase failure monitoring • Product component / undervoltage release • Product component / undervoltage release with leading contact  Product feature / sealable  Product extension / Auxiliary switch  Yes  Product extension / optional • locking capability • motor drive • Phase failure monitoring No • Phase failure monitoring No • Phase failure monitoring • Voltage trigger  No	Number of NO contacts / for auxiliary contacts	0
Main switch switch disconnector switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch  Product details  Product details  Product feature / interlock Product function / Phase failure monitoring Product component / Undervoltage release Product component / undervoltage release Product feature / sealable Product teature / sealable Product component / undervoltage release with leading contact  Product extension / Auxiliary switch  Product extension / optional locking capability motor drive Phase failure monitoring No Phase failure monitoring Fuse monitoring Ves Voltage trigger	Suitability	
switch disconnector     switch disconnector     EMERGENCY OFF switch     safety switch     safety switch     maintenance/repair switch  Product details  Product feature / interlock     Product component / Trip indicator     Product function / Phase failure monitoring     Product component / undervoltage release     Product component / undervoltage release     Product feature / sealable     Product feature / sealable  Product extension / Auxiliary switch  Product extension / optional     locking capability     motor drive     No     Phase failure monitoring     No     fuse monitoring     Yes     Voltage trigger	Suitability for use	
EMERGENCY OFF switch     safety switch     safety switch     maintenance/repair switch  Product details  Product feature / interlock     Product component / Trip indicator     Product function / Phase failure monitoring     Product component / undervoltage release     Product component / undervoltage release with leading contact  Product feature / sealable  Product extension / Auxiliary switch  Product extension / optional     locking capability     motor drive     no     Phase failure monitoring     No     fuse monitoring     Yes  Voltage trigger  No	Main switch	No
safety switch     maintenance/repair switch  Product details  Product feature / interlock Product component / Trip indicator Product function / Phase failure monitoring Product component / undervoltage release Product component / undervoltage release Product component / undervoltage release with leading contact  Product feature / sealable Product extension / Auxiliary switch Product extension / optional Indicate the sealable of the seala	<ul><li>switch disconnector</li></ul>	Yes
maintenance/repair switch  Product details  Product feature / interlock Product component / Trip indicator Product function / Phase failure monitoring Product component / undervoltage release Product component / undervoltage release with leading contact  Product feature / sealable Product extension / Auxiliary switch Product extension / optional  locking capability Phase failure monitoring Phase failure monitoring Fuse monitoring Ves Voltage trigger  No	<ul> <li>EMERGENCY OFF switch</li> </ul>	No
Product details  Product feature / interlock  Product component / Trip indicator Product function / Phase failure monitoring Product component / undervoltage release Product component / undervoltage release with leading contact  Product feature / sealable Product extension / Auxiliary switch  Product extension / optional	<ul><li>safety switch</li></ul>	Yes
Product feature / interlock  Product component / Trip indicator  Product function / Phase failure monitoring  Product component / undervoltage release  Product component / undervoltage release with leading contact  Product feature / sealable  Product extension / Auxiliary switch  Product extension / optional  locking capability  motor drive  Phase failure monitoring  fuse monitoring  Ves  No  Voltage trigger	maintenance/repair switch	Yes
<ul> <li>Product component / Trip indicator</li> <li>Product function / Phase failure monitoring</li> <li>Product component / undervoltage release</li> <li>Product component / undervoltage release with leading contact</li> <li>Product feature / sealable</li> <li>Product extension / Auxiliary switch</li> <li>Product extension / optional</li> <li>locking capability</li> <li>motor drive</li> <li>Phase failure monitoring</li> <li>fuse monitoring</li> <li>Voltage trigger</li> <li>No</li> </ul>	Product details	
Product function / Phase failure monitoring Product component / undervoltage release Product component / undervoltage release with leading contact  Product feature / sealable Product extension / Auxiliary switch  Product extension / optional  I ocking capability  motor drive Phase failure monitoring  fuse monitoring  Voltage trigger  No	Product feature / interlock	Yes
Product component / undervoltage release Product component / undervoltage release with leading contact  Product feature / sealable Product extension / Auxiliary switch  Product extension / optional  I locking capability  motor drive Phase failure monitoring  fuse monitoring  Voltage trigger  No  No  No  No  No  No  Voltage trigger	<ul> <li>Product component / Trip indicator</li> </ul>	No
<ul> <li>Product component / undervoltage release with leading contact</li> <li>Product feature / sealable</li> <li>Product extension / Auxiliary switch</li> <li>Product extension / optional</li> <li>locking capability</li> <li>motor drive</li> <li>Phase failure monitoring</li> <li>fuse monitoring</li> <li>Voltage trigger</li> </ul>	<ul> <li>Product function / Phase failure monitoring</li> </ul>	No
leading contact  Product feature / sealable  Product extension / Auxiliary switch  Product extension / optional  I locking capability  I motor drive  Phase failure monitoring  I fuse monitoring  Ves  Voltage trigger	<ul> <li>Product component / undervoltage release</li> </ul>	No
Product extension / Auxiliary switch  Product extension / optional  I locking capability  I motor drive  I motor drive  I how the phase failure monitoring  I how the phase failure monitoring monitorin		No
Product extension / optional  I locking capability  Mo  motor drive  Phase failure monitoring  fuse monitoring  Ves  Voltage trigger  No	Product feature / sealable	Yes
<ul> <li>locking capability</li> <li>motor drive</li> <li>No</li> <li>Phase failure monitoring</li> <li>fuse monitoring</li> <li>Voltage trigger</li> <li>No</li> </ul>	Product extension / Auxiliary switch	Yes
<ul> <li>motor drive</li> <li>Phase failure monitoring</li> <li>fuse monitoring</li> <li>Voltage trigger</li> <li>No</li> </ul>	Product extension / optional	
<ul> <li>Phase failure monitoring</li> <li>fuse monitoring</li> <li>Voltage trigger</li> <li>No</li> <li>Yes</li> <li>No</li> </ul>	<ul> <li>locking capability</li> </ul>	Yes
<ul> <li>fuse monitoring</li> <li>Voltage trigger</li> <li>No</li> </ul>	• motor drive	No
• Voltage trigger No	<ul> <li>Phase failure monitoring</li> </ul>	No
	• fuse monitoring	Yes
Overvoltage protection monitoring     No	<ul> <li>Voltage trigger</li> </ul>	No
	<ul> <li>Overvoltage protection monitoring</li> </ul>	No

## **Product function** Product function No fuse monitoring No Overvoltage protection monitoring Short circuit Conditional short-circuit current (Iq) 80 kA • rated value 80 kA • at AC / at 240 V / with high-speed activation / rated value 120 kA • with closed switch / at AC / at 240 V / rated value Connections Arrangement of electrical connectors / for main other current circuit Connectable conductor cross-section / for main contacts 70 mm<sup>2</sup> • single or multi-stranded / minimum 185 mm<sup>2</sup> • single or multi-stranded / maximum 70 mm<sup>2</sup> • finely stranded / with core end processing / minimum 120 mm<sup>2</sup> • finely stranded / with core end processing / maximum 70 mm<sup>2</sup> • stranded / minimum 185 mm<sup>2</sup> stranded / maximum Tightening torque / with screw-type terminals 10 N·m • minimum 10 N·m • maximum Type of connectable conductor cross-sections / of the 20 x 10 mm laminated conductors / maximum Type of connection Box terminal Type of electrical connection / for main current circuit box terminal Mechanical Design Height 306 mm Width 69.7 mm Depth 116 mm Mounting type mounting plate Mounting type Yes • floor mounting • front mounting No No • front mounting with 4-hole attachment No • front mounting with central attachment rail mounting No

Mounting position			horizontal/vertica		
Environmental condition	ns				
Ambient temperature / du	uring operation				
• minimum			-25 °C		
• maximum			55 °C		
Ambient temperature / du	uring storage				
• minimum			-50 °C		
• maximum			80 °C		
Certificates					
Reference code					
• acc. to DIN EN 61346-2			Q		
• acc. to DIN EN 81346-2			Q		
General Product	Declaration of Con-	Test	t Certificates		
Approval	formity				
Miscellaneous	$\epsilon$	Certifi	Type Test cates/Test Report	Special Test Certificate	

Information- and Downloadcenter (Catalogs, Brochures,...)

EG-Konf.

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NP1141-1DA20

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

https://support.industry.siemens.com/cs/ww/en/ps/3NP1141-1DA20

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3NP1141-1DA20">http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3NP1141-1DA20</a>

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** http://www.siemens.com/specifications







