

SD size 3 400 A TPN W/O Fuse Open EXECUTION

Model	
Product brand name	SENTRON
Design type	For mounting and installation
Design of the load switch / Strip form	No
Type of the driving mechanism / motor drive	No
Type of voltage	AC/DC
Operating voltage	
<ul style="list-style-type: none"> <li>at AC / at 50/60 Hz / rated value</li> </ul>	690 V
<ul style="list-style-type: none"> <li>at DC / rated value</li> </ul>	440 V
Protection class	
Protection class IP	IP00
Current	
Let-through current / I <sub>2 t</sub> / maximum permissible / in utilization category / AC-22 B / at 400 V	2 150 000 A <sup>2</sup> ·s
Main circuit	
Operating current / rated value	160 A
Rated current I <sub>e</sub> / maximum / in utilization category	
<ul style="list-style-type: none"> <li>AC-21 A / at 400 V</li> </ul>	400 A
<ul style="list-style-type: none"> <li>AC-21 A / at 500 V</li> </ul>	400 A
<ul style="list-style-type: none"> <li>AC-21 B / at 400 V</li> </ul>	400 A
<ul style="list-style-type: none"> <li>AC-21 B / at 500 V</li> </ul>	400 A
<ul style="list-style-type: none"> <li>AC-22 A / at 400 V</li> </ul>	400 A
<ul style="list-style-type: none"> <li>AC-22 A / at 500 V</li> </ul>	400 A
<ul style="list-style-type: none"> <li>AC-22 B / at 400 V</li> </ul>	400 A
<ul style="list-style-type: none"> <li>AC-22 B / at 500 V</li> </ul>	400 A
Short circuit	
Conditional rated short-circuit current	
<ul style="list-style-type: none"> <li>400V</li> </ul>	100 kA
<ul style="list-style-type: none"> <li>500V</li> </ul>	100 kA
<ul style="list-style-type: none"> <li>in utilization category / AC-21 A / at 400 V</li> </ul>	100 kA
<ul style="list-style-type: none"> <li>in utilization category / AC-21 A / at 500 V</li> </ul>	100 kA
<ul style="list-style-type: none"> <li>in utilization category / AC-21 B / at 400 V</li> </ul>	100 kA
<ul style="list-style-type: none"> <li>in utilization category / AC-21 B / at 500 V</li> </ul>	100 kA
<ul style="list-style-type: none"> <li>in utilization category / AC-22 A / at 400 V</li> </ul>	100 kA
<ul style="list-style-type: none"> <li>in utilization category / AC-22 A / at 500 V</li> </ul>	100 kA

- in utilization category / AC-22 B / at 400 V
- in utilization category / AC-22 B / at 500 V

100 kA

100 kA

## Connections

Type of connection, main circuit	Flat-type screw terminal
Type of electrical connection	
<ul style="list-style-type: none"> <li>• for main current circuit</li> </ul>	flat connector

## Mechanical Design

Type of mounting	fixed mounted
Mounting type	floor mounting
Mounting type	
<ul style="list-style-type: none"> <li>• rail mounting</li> </ul>	No
Net weight	10 kg

## Environmental conditions

Ambient temperature / during operation	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-25 °C 55 °C

## Certificates

Reference code	
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>	Q Q

## 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=3KA8341-3UE00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KA8341-3UE00>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KA8341-3UE00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KA8341-3UE00)

### CAX-Online-Generator

<http://www.siemens.com/cax>

### Tender specifications

<http://www.siemens.com/specifications>