

SDF Size 4 500 A TPN DIN Open execution

Model	
Product brand name	SENTRON
version	Complete version with rotary operating mechanism
Design type	For mounting and installation
Design of the load switch / Strip form	No
Type of the driving mechanism / motor drive	No
Number of poles	4
Fuse system	LV HRC fuse
Type of voltage	AC/DC
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
• at DC / rated value	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	5 400 000 A <sup>2</sup> ·s
Main circuit	
Rated current I <sub>e</sub> / maximum / in utilization category	
• AC-21 A / at 400 V	500 A
• AC-21 A / at 500 V	500 A
• AC-21 B / at 400 V	500 A
• AC-21 B / at 500 V	500 A
• AC-22 A / at 400 V	500 A
• AC-22 A / at 500 V	500 A
• AC-22 B / at 400 V	500 A
• AC-22 B / at 500 V	500 A
Short circuit	
Conditional rated short-circuit current	
• 400V	100 000 A
• 500V	100 000 A
• in utilization category / AC-21 A / at 400 V	100 000 A
• in utilization category / AC-21 A / at 500 V	100 000 A
• in utilization category / AC-21 B / at 400 V	100 000 A
• in utilization category / AC-21 B / at 500 V	100 000 A

- in utilization category / AC-22 A / at 400 V 100 000 A
- in utilization category / AC-22 A / at 500 V 100 000 A
- in utilization category / AC-22 B / at 400 V 100 000 A
- in utilization category / AC-22 B / at 500 V 100 000 A

### 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	Surface mounting and installation
Mounting type	
<ul style="list-style-type: none"> <li>• rail mounting</li> </ul>	No

### Certificates

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

### other

[Environmental Confirmations](#)

### 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=3KL8411-3UA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KL8411-3UA00>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KL8411-3UA00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL8411-3UA00)

#### CAX-Online-Generator

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

#### Tender specifications

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