

Model		
Product designation		trunking unit for LD busbar trunking system
Product type designation		LDA5423-D
General technical data		
Configuration of the busbars		L1,L2,L3,PEN,PEN,L3,L2,L1
Voltage		
<b>Insulation voltage</b>		
<ul style="list-style-type: none"> <li>with AC / Rated value</li> </ul>	V	1 000
<ul style="list-style-type: none"> <li>for DC / Rated value</li> </ul>	V	1 200
Protection class		
Protection class IP		IP34
Electricity		
Number of circuits / in a trunking unit		1
<b>Short-time current resistance (I<sub>cw</sub>) / at 690 V</b>		
<ul style="list-style-type: none"> <li>limited to 0.1 s / Rated value</li> </ul>	kA	125
<ul style="list-style-type: none"> <li>limited to 1 s / Rated value</li> </ul>	kA	110
Surge current resistance / at 690 V / Rated value	kA	275
Main circuit		
<b>Operating frequency / Rated value</b>		
<ul style="list-style-type: none"> <li>minimum</li> </ul>	Hz	16.7
<ul style="list-style-type: none"> <li>maximum</li> </ul>	Hz	60
<b>Operating voltage / with AC</b>		
<ul style="list-style-type: none"> <li>at 50 Hz / Rated value / maximum</li> </ul>	V	1 000
<ul style="list-style-type: none"> <li>at 60 Hz / Rated value / maximum</li> </ul>	V	1 000
<b>Operating current</b>		
<ul style="list-style-type: none"> <li>for circuit 1 / with AC / at 50 Hz / for horizontal busbar box with flat busbars / Rated value / maximum</li> </ul>	A	1 700
<ul style="list-style-type: none"> <li>for circuit 1 / with AC / at 50 Hz / for vertical busbar box / Rated value</li> </ul>	A	2 100
<ul style="list-style-type: none"> <li>for circuit 1 / with AC / at 50 Hz / Rated value / maximum</li> </ul>	A	2 500
<ul style="list-style-type: none"> <li>for circuit 1 / with AC / at 60 Hz / Rated value / maximum</li> </ul>	A	2 500
Appearance		

Color		light grey
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### Product details

Product component / Fire shielding		No
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### Number

Number of conductors		8
Number of conductors / without PE		8

### Connections

Conductor cross section / of the (PE)N	mm <sup>2</sup>	1 412
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### Tap-off points

Number of outgoing points / maximum		0
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### Mechanical Design

Height	mm	180
Width	mm	240
mounting position / of the busbar trunking unit		horizontal
Length	mm	1 200
Length		
• of the busbar trunking unit	m	1.2
Mounting type		ceiling / wall
Material / of the busbar		aluminium

### General Product Approval



### Further information

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

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

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/BVP:660831>

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

<http://support.automation.siemens.com/WW/view/en/BVP:660831/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=BVP:660831](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=BVP:660831)

**CAX-Online-Generator**

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

**Tender specifications**

<http://ausschreibungstexte.siemens.com/tiplv>

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