

Model		
Product designation		trunking unit for LD busbar trunking system
Product type designation		LDA5413-D
General technical data		
Configuration of the busbars		L1,L2,L3,PEN,L3,L2,L1
Voltage		
Insulation voltage		
<ul style="list-style-type: none"> with AC / Rated value 	V	1 000
<ul style="list-style-type: none"> for DC / Rated value 	V	1 200
Protection class		
Protection class IP		IP34
Electricity		
Number of circuits / in a trunking unit		1
Short-time current resistance (I_{cw}) / at 690 V		
<ul style="list-style-type: none"> limited to 0.1 s / Rated value 	kA	125
<ul style="list-style-type: none"> limited to 1 s / Rated value 	kA	110
Surge current resistance / at 690 V / Rated value	kA	275
Main circuit		
Operating frequency / Rated value		
<ul style="list-style-type: none"> minimum 	Hz	16.7
<ul style="list-style-type: none"> maximum 	Hz	60
Operating voltage / with AC		
<ul style="list-style-type: none"> at 50 Hz / Rated value / maximum 	V	1 000
<ul style="list-style-type: none"> at 60 Hz / Rated value / maximum 	V	1 000
Operating current		
<ul style="list-style-type: none"> for circuit 1 / with AC / at 50 Hz / for horizontal busbar box with flat busbars / Rated value / maximum 	A	1 700
<ul style="list-style-type: none"> for circuit 1 / with AC / at 50 Hz / for vertical busbar box / Rated value 	A	2 100
<ul style="list-style-type: none"> for circuit 1 / with AC / at 50 Hz / Rated value / maximum 	A	2 500
<ul style="list-style-type: none"> for circuit 1 / with AC / at 60 Hz / Rated value / maximum 	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		7
Number of conductors / without PE		7

Connections

Conductor cross section / of the (PE)N	mm ²	706
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Tap-off points

Number of outgoing points / maximum		0
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Mechanical Design

Height	mm	80
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:660823>

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

<http://support.automation.siemens.com/WW/view/en/BVP:660823/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=BVP:660823

CAX-Online-Generator

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

Tender specifications

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

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