

Model		
Product designation		trunking unit for LD busbar trunking system
Product type designation		LDA6413-D

General technical data		
Configuration of the busbars		L1,L2,L3,PEN,L3,L2,L1

Voltage		
Insulation voltage		
• with AC / Rated value	V	1 000
• 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		
• limited to 0.1 s / Rated value	kA	130
• limited to 1 s / Rated value	kA	116
Surge current resistance / at 690 V / Rated value	kA	286

Main circuit		
Operating frequency / Rated value		
• minimum	Hz	16.7
• maximum	Hz	60
Operating voltage / with AC		
• at 50 Hz / Rated value / maximum	V	1 000
• at 60 Hz / Rated value / maximum	V	1 000
Operating current		
• for circuit 1 / with AC / at 50 Hz / for horizontal busbar box with flat busbars / Rated value / maximum	A	1 800
• for circuit 1 / with AC / at 50 Hz / for vertical busbar box / Rated value	A	2 300
• for circuit 1 / with AC / at 50 Hz / Rated value / maximum	A	3 000
• for circuit 1 / with AC / at 60 Hz / Rated value / maximum	A	3 000

Appearance

Color		light grey
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Product details

Product component / Fire shielding		No
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Number

Number of conductors		7
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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	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:660824>

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

<http://support.automation.siemens.com/WW/view/en/BVP:660824/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=BVP:660824

CAX-Online-Generator

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

Tender specifications

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

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