

BD2A-1-800-SO-1-WKA STANDARD LENGTH 1,25M
800A, 0, 0,5PE, WITHOUT TAP OFFS

Model		
Product designation		trunking unit for BD2 busbar trunking system
Product type designation		BD2A-1-800-SO-1-WKA
General technical data		
Configuration of the busbars		L1,L2,L3,1/2N
Voltage		
Insulation voltage		
• with AC / Rated value	V	690
• for DC / Rated value	V	800
Protection class		
Protection class IP		IP52
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	40
• limited to 1 s / Rated value	kA	32
Surge current resistance / at 690 V / Rated value	kA	84
Main circuit		
Operating frequency / Rated value		
• minimum	Hz	50
• maximum	Hz	60
Operating voltage / with AC		
• at 50 Hz / Rated value / maximum	V	690
• at 60 Hz / Rated value / maximum	V	690
Operating current		
• for circuit 1 / with AC / at 50 Hz / Rated value / maximum	A	800
• for circuit 1 / with AC / at 60 Hz / Rated value / maximum	A	800
Appearance		
Color		light grey
Product details		
Product component / Fire shielding		No

Number		
Number of conductors		5
Number of conductors / without PE		4

Connections		
Conductor cross section / of the (PE)N	mm ²	446

Mechanical Design		
Height	mm	126
Width	mm	167
mounting position / of the busbar trunking unit		horizontal edgewise, horizontal flat, vertical
Length	mm	1 250
Length		
• of the busbar trunking unit	m	1.25
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:611451>

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

<http://support.automation.siemens.com/WW/view/en/BVP:611451/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=BVP:611451

CAX-Online-Generator

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

Tender specifications

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

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