

BD2A-1-800-WO-2W2,00-WKA OPTIONAL LENGTH  
2,00M 800 A 0,5PE, WITHOUT TAP OFFS

Model		
Product designation		trunking unit for BD2 busbar trunking system
Product type designation		BD2A-1-800-WO-2W2,00-WKA
General technical data		
Configuration of the busbars		L1,L2,L3,1/2N
Voltage		
<b>Insulation voltage</b>		
<ul style="list-style-type: none"> <li>with AC / Rated value</li> </ul>	V	690
<ul style="list-style-type: none"> <li>for DC / Rated value</li> </ul>	V	800
Protection class		
Protection class IP		IP52
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	40
<ul style="list-style-type: none"> <li>limited to 1 s / Rated value</li> </ul>	kA	32
Surge current resistance / at 690 V / Rated value	kA	84
Main circuit		
<b>Operating frequency / Rated value</b>		
<ul style="list-style-type: none"> <li>minimum</li> </ul>	Hz	50
<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	690
<ul style="list-style-type: none"> <li>at 60 Hz / Rated value / maximum</li> </ul>	V	690
<b>Operating current</b>		
<ul style="list-style-type: none"> <li>for circuit 1 / with AC / at 50 Hz / Rated value / maximum</li> </ul>	A	800
<ul style="list-style-type: none"> <li>for circuit 1 / with AC / at 60 Hz / Rated value / maximum</li> </ul>	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 <sup>2</sup>	446
Tap-off points		
Number of outgoing points / maximum		0
Mechanical Design		
Height	mm	126
Width	mm	167
mounting position / of the busbar trunking unit		horizontal edgewise, horizontal flat, vertical
Length	mm	2 000
Length		
• of the busbar trunking unit	m	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:661179>

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

<http://support.automation.siemens.com/WW/view/en/BVP:661179/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=BVP:661179](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=BVP:661179)

##### CAX-Online-Generator

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

##### Tender specifications

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

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