

BD2A-1-500-SO-2-WKA STANDARD LENGTH 2,25M 500A,
0, 0,5PE, WITHOUT TAP OFFS

General technical details:

Product designation		trunking unit for BD2 busbar trunking system
Product-type designation		BD2A-1-500-SO-2-WKA
Operating current		
• for circuit 1 / at 50 Hz / for AC / rated value / maximum	A	500
• for circuit 1 / at 60 Hz / for AC / rated value / maximum	A	500
Resistance against the impulse current / at 690 V / rated value	kA	59
Short-time current resistance (I_{cw}) / at 690 V		
• limited to 1 s / rated value	kA	21
• limited to 0.1 s / rated value	kA	28
Operating frequency / rated value		
• minimum	Hz	50
• maximum	Hz	60
Operating voltage		
• at 50 Hz / at AC / rated value / maximum	V	690
• at 60 Hz / at AC / rated value / maximum	V	690
Insulation voltage		
• for AC / rated value	V	690
• for DC / rated value	V	800
Number of conductors		5
• without PE		4
Product component / fire sealing		No

Mechanical design:

Conductor cross section / of the (PE)N	mm ²	446
Mounting type		ceiling / wall
Width	mm	167
Height	mm	126
Color		light grey

Busbar:

Configuration of the busbars		L1,L2,L3,1/2N
Material / of the busbar		aluminium

Busway section:

Length / of the busbar box	m	2.25
mounting position / of the busbar box		horizontal edgewise, horizontal flat, vertical
Number of circuits / in one busbar box		1

Ambient conditions:

Protection class IP	IP52
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Further information:**Information- and Downloadcenter (Catalogs, Brochures,...)**

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

Global Industry Mall (Online ordering system)

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

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

<http://support.automation.siemens.com/WW/view/en/BVP:611446/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=BVP:611446

last change:

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