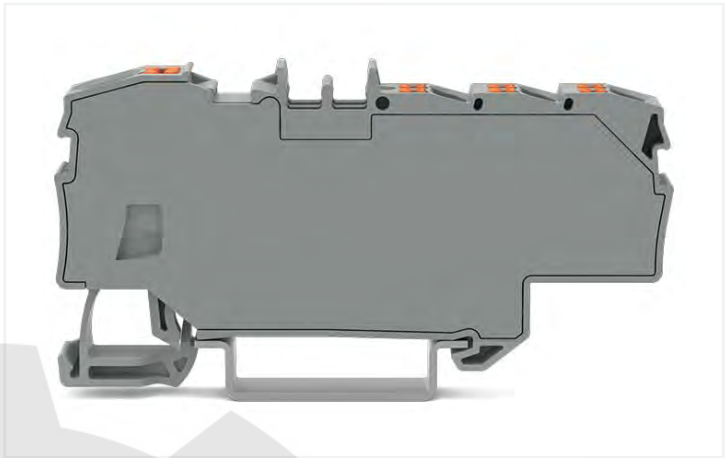
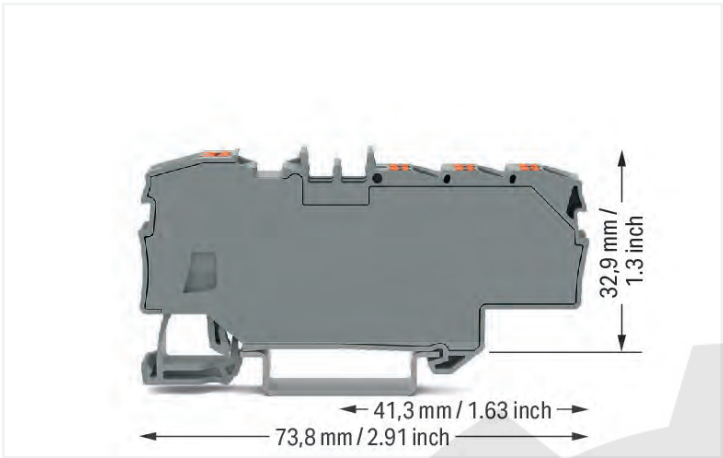


Data Sheet | Item Number: 2206-8031

Distribution terminal block; with push-button; 1 x 6 mm² / 6 x 1.5 mm²; with integrated end plate; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 6,00 mm²; gray

<https://www.wago.com/2206-8031>



Color: gray

Electrical data

Ratings per IEC/EN		Power loss	
Ratings per	IEC/EN 60947-7-1	Power loss, per pole (potential)	1.3112 W
Nominal voltage (III/3)	800 V	Rated current I _N for specified power loss	41 A
Rated impulse voltage (III/3)	8 kV	Resistance value for specified, current-dependent power loss	0.00078 Ω
Rated current	41 A		
Current at conductor cross-section (max.) mm²	57 A		
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3		

Connection data

Connection data		Connection 1	
Connection points	7	Connection type 1	Input
Total number of potentials	1	Connection technology	Push-in CAGE CLAMP®
Number of levels	1	Number of connection points	1
Number of jumper slots	2	Actuation type	Push-button
		Connectable conductor materials	Copper
		Nominal cross-section	6 mm²
		Solid conductor	0.5 ... 10 mm² / 20 ... 8 AWG
		Solid conductor; push-in termination	2.5 ... 10 mm² / 14 ... 8 AWG
		Fine-stranded conductor	0.5 ... 10 mm² / 20 ... 8 AWG
		Fine-stranded conductor; with insulated ferrule	0.5 ... 6 mm² / 20 ... 10 AWG
		Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm² / 16 ... 10 AWG
		Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
		Strip length	13 ... 15 mm / 0.51 ... 0.59 inches
		Wiring direction	Front-entry wiring

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com

Connection 2

Connection type 2	Output
Connection technology 2	Push-in CAGE CLAMP®
Number of connection points 2	6
Nominal cross-section 2	1.5 mm²
Solid conductor 2	0.25 ... 2.5 mm² / 22 ... 14 AWG
Solid conductor; push-in termination 2	0.75 ... 2.5 mm² / 18 ... 14 AWG
Fine-stranded conductor 2	0.25 ... 2.5 mm² / 22 ... 14 AWG
Fine-stranded conductor; with insulated ferrule 2	0.25 ... 1.5 mm² / 22 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination; 2	0.75 ... 1.5 mm² / 18 ... 16 AWG
Strip length 2	9 ... 11 mm / 0.35 ... 0.43 inches

Physical data

Width	9 mm / 0.354 inches
Height	73.8 mm / 2.905 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches

Mechanical Data

Mounting type	DIN-35 rail
Marking level	Center/side marking

Material Data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact plating	Tin
Fire load	0.307 MJ
Weight	16.3 g

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data

ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	12 pcs
Country of origin	DE
GTIN	4066966185805
Customs tariff number	85369010000



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7926/1
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-122842 REV.1
UL Underwriters Laboratories Inc.	C22.2 No. 158	E45172

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2206-8031



Documentation

Additional Information
Technical Section

pdf
2142.18 KB



CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2206-8031	EPLAN Data Portal 2206-8031



1 Compatible Products

1.1 Optional Accessories

1.1.1 DIN-rail

1.1.1.1 Mounting accessories



Item No.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Item No.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



Item No.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



Item No.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

1.1.2 Ferrule

1.1.1.1 Mounting accessories

			
Item No.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	Item No.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored	Item No.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored	Item No.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored





1.1.5.2 Marker

Item No.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	Item No.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	Item No.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	Item No.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange
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