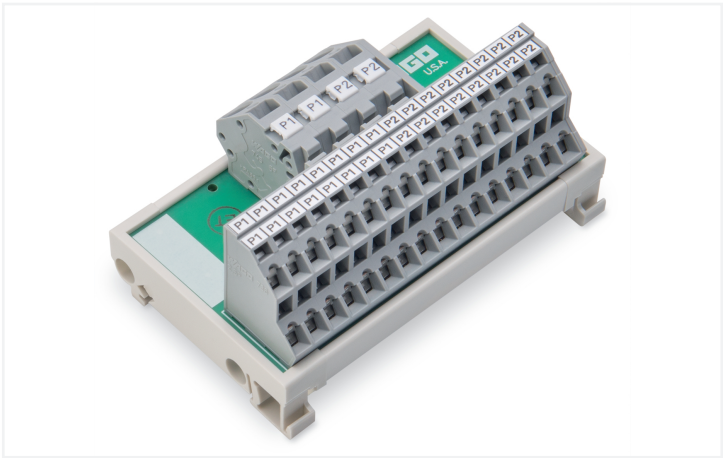


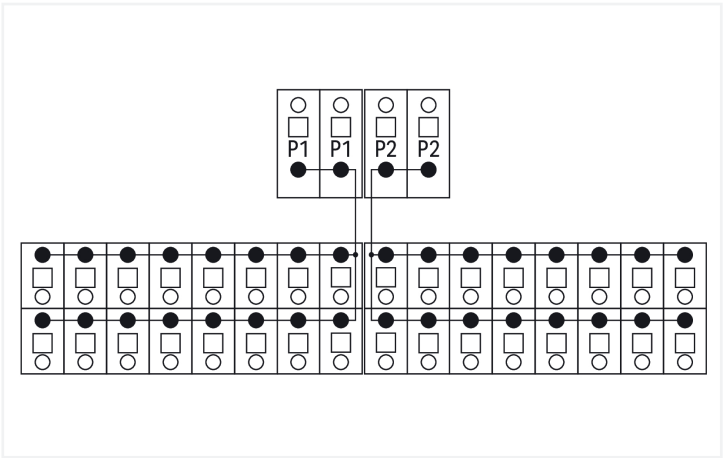
Data Sheet | Item Number: 830-800/000-307

Potential distribution module; 2 potentials; with 2 input clamping points each; Conductor cross-section up to 6 mm²; with 16 output clamping points each; Conductor cross-section up to 2.5 mm²; gray

<https://www.wago.com/830-800/000-307>



Color: ■ gray



Electrical data	
Operating voltage	≤ 250 VAC/VDC
Current per connection (max.)	10 A
Total current per potential (max.)	30 A
Specialty functions	with 2 input clamping points each; with 16 output clamping points each

Connection data	
Total number of potentials	2
Note (conductor cross-section)	12 AWG: THHN, THWN
Connection 1	
Connection type	Input
Mating direction	45°
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 745 Series
Solid conductor	0.2 ... 6 mm² / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm² / 24 ... 10 AWG
Strip length	11 ... 12 mm / 0.43 ... 0.47 inches

Connection 2	
Connection type	Output
Mating direction 2	vertical
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 736 Series
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches



Physical data		
Width		89 mm / 3.51 inches
Height		55 mm / 2.17 inches
Depth from upper-edge of DIN-rail		38 mm / 1.47 inches
Mechanical data		
Mounting type		DIN-35 rail
Housing design		Mounting carrier
Material data		
Color		gray
Fire load		0.872 MJ
Weight		118.9 g
Environmental requirements		
Ambient temperature (operation)		-20 ... +50 °C
Relative humidity		≤ 95 % (without condensation)
Standards and specifications		
Standards/specifications		cULus 61010-2-201
Commercial data		
PU (SPU)		6 (1) pcs
Packaging type		Box
Country of origin		US
GTIN		4055143379342
Customs tariff number		85369010000
Product classification		
UNSPSC		39121410
eCl@ss 10.0		27-14-11-52
eCl@ss 9.0		27-14-11-52
ETIM 9.0		EC002780
ETIM 8.0		EC002780
ECCN		EAR99
Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 830-800/000-307



Documentation

Bid Text
830-800/000-307
01.07.2019
docx 15.45 KB
830-800/000-307
19.02.2019
xml 3.65 KB



CAD/CAE-Data

CAD data
2D/3D Models 830-800/000-307



CAE data
EPLAN Data Portal 830-800/000-307
ZUKEN Portal 830-800/000-307



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



Item No.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; gray

Item No.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insu-
lated; electro-tin plated; electrolytic cop-
per; gastight crimped; acc. to DIN 46228,
Part 4/09.90; red

Item No.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; black

Item No.: 216-284
Ferrule; Sleeve for 1.5 mm² / AWG 16; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; black



1.1.1.1 Ferrule



Item No.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

Item No.: 216-286
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

Item No.: 216-267
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

Item No.: 216-287
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

1.1.2 Marking

1.1.2.1 Marker



Item No.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

Item No.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.2.2 Marking strip



Item No.: 709-196
Marking strips; for laser printer; translucent

Item No.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

Item No.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.3 Tool

1.1.3.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Item No.: 210-721
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured