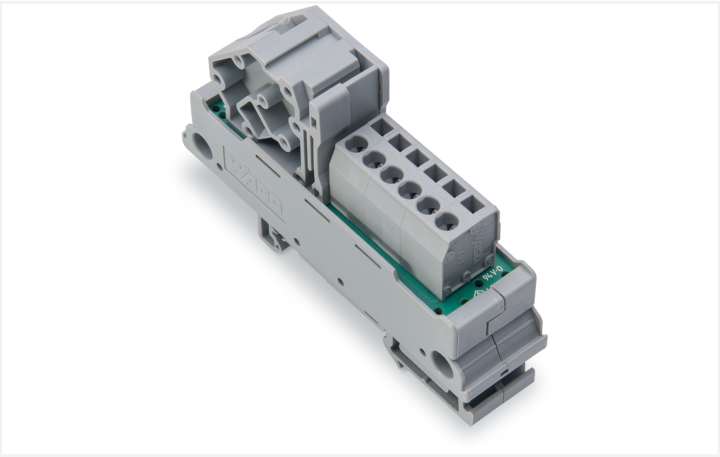
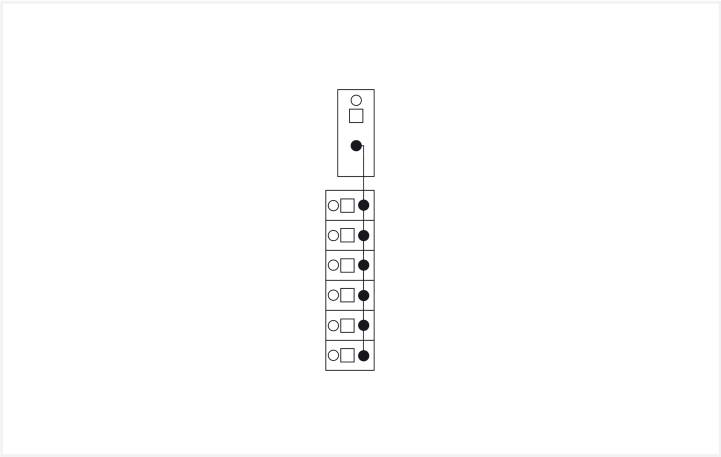
Data Sheet | Item Number: 830-800/000-302

Potential distribution module; 1 potential; with 1 input clamping point; Conductor cross-section up to 16 mm²; with 6 output clamping points; Conductor cross-section up to 2.5 mm²; gray

https://www.wago.com/830-800/000-302





Color: gray

Electrical data

Operating voltage	≤ 250 VAC/VDC
Current per connection (max.)	12 A
Total current per potential (max.)	65 A
Specialty functions	with 1 input connection point; with 6 output connection points

Connection Data

Total number of potentials	1
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 … 16 mm² / 24 … 6 AWG
Fine-stranded conductor	0.2 … 16 mm² / 24 … 6 AWG
Strip length	11 … 12 mm / 0.43 … 0.47 inches

Connection 2

Connection type	Output
Mating direction 2	45°
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 739 Series
Solid conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inches

Physical data

Width	21 mm / 0.81 inches
Height	85 mm / 3.35 inches
Depth from upper-edge of DIN-rail	49 mm / 3.35 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material data

Color	gray
Fire load	0.75 MJ
Weight	51 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)	10 (1) pcs
Packaging type	Box
Country of origin	US
GTIN	4055143375993
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 10.0	EC002780
ECCN	EAR99

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Continued on next page

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 Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
830-800/000-302

Documentation

Bid Text

830-800/000-302	01.07.2019	docx 15.32 KB
830-800/000-302	19.02.2019	xml 3.64 KB

CAD/CAE-Data

CAD data

2D/3D Models
830-800/000-302

CAE data

EPLAN Data Portal
830-800/000-302

ZUKEN Portal
830-800/000-302

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; insulated; 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; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



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



Item No.: 216-209
Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red

Continued on next page

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.: 216-267
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.: 216-208
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

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.: 210-831
Marking strips; 25 m on roll; 2.3 mm wide; plain; Self-adhesive; white



Item No.: 210-832
Marking strips; 25 m on roll; 3 mm wide; plain; Self-adhesive; white

Item No.: 709-177
Marking strips; 50 m on roll; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178
Marking strips; 50 m on roll; 7.5 mm wide; not stretchable; plain; snap-on type; white

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

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