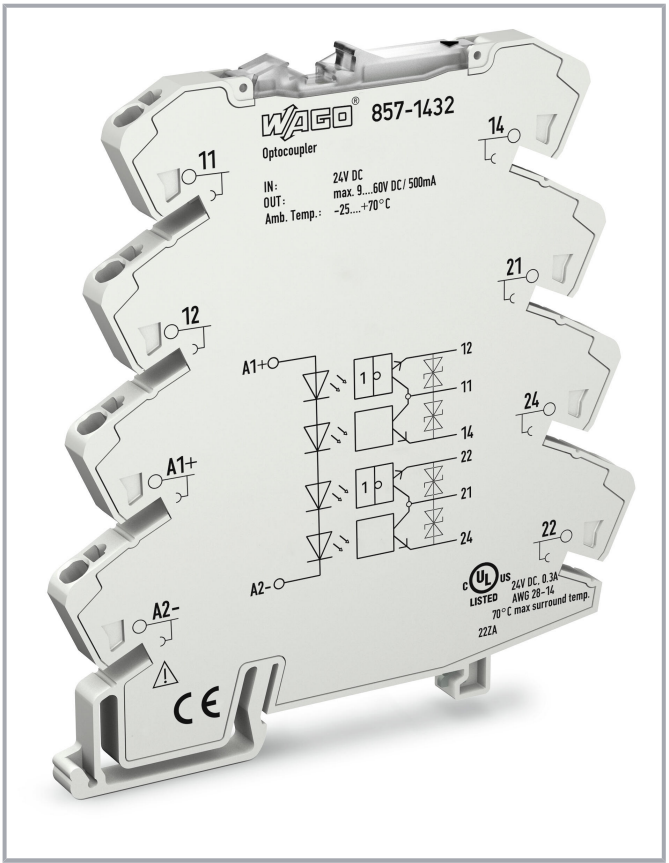
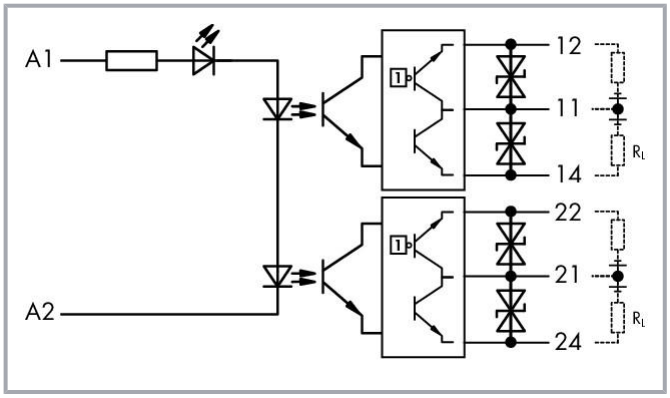
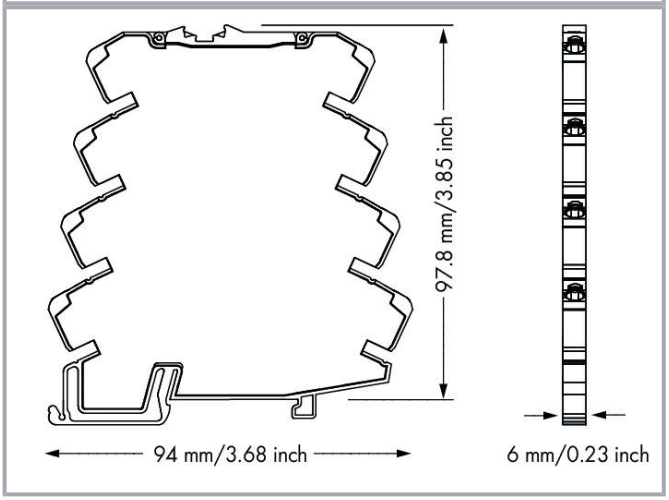
Data sheet | Item number: 857-1432

Optocoupler module; 2-port; Nominal input voltage: 24 VDC; Output voltage range: 9 … 60 VDC; Limiting continuous current: 0.5 A; 2 changeover contacts; Yellow status indicator; Module width: 6 mm

www.wago.com/857-1432







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

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Do you have any questions about our products?
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Data

Notes

Note	Optocouplers and solid state relays are designed for use in signal processing networks, which are not supplied by the low-voltage power supply networks.

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range (low level)	DC 0 … 5 V
Input voltage range (high level)	DC 16.8 … 30 V
Nominal input current at U_N	5.9 mA

Load circuit

Circuit type	2-way 3-wire connection High-side switching
Limiting continuous current	0.5 A
Nominal output voltage	DC 24 V
Output voltage range	DC 9 … 60 V
Voltage drop at output (max.)	≤ DC 1.5 V
Leakage current at rated voltage	≤ 1.5 mA
Switching current (min.)	0.5 mA
Turn-on time	≤ 25 µs
Turn-off time	≤ 250 µs
Switching frequency	≤ 1.5 kHz

Signaling

Status indicator	Yellow LED

Safety and protection

Dielectric strength, control/load circuit (AC, 1 min)	3.75 kVrms
Protection type	IP20

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Connection data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.34 … 2.5 mm² / 22 … 14 AWG
Fine-stranded conductor	0.34 … 2.5 mm² / 22 … 14 AWG
Strip length	9 … 10 mm / 0.35 … 0.39 inch

Physical data

Width	6 mm / 0.236 inch
Height	94 mm / 3.701 inch
Depth from upper edge of DIN-rail	97.8 mm / 3.85 inch

Mechanical data

Mounting type	DIN-35 rail

Material data

Weight	33 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-25 … 70 °C
Surrounding air temperature (storage)	-40 … 85 °C
Processing temperature	-25 … +50 °C
Relative humidity	5 … 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

Standards and specifications

Standards/Specifications	EN 61000-6-2 EN 61000-6-3 EN 61373 EN 61010-2-201 UL 508 (max. 70 °C / 0.3 A)

Commercial data

PU (SPU)	25 (1) Stück
Packaging type	box
Country of origin	DE

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GTIN	4050821884651
Customs tariff number	85365005000

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.4

Optional accessories

Marking accessories

Marking strip



Item no.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white
www.wago.com/2009-110

Marking device



Item no.: 210-110
Fiber-tip pen
www.wago.com/210-110

Double marker carrier



Item no.: 209-128
Adaptor; gray
www.wago.com/209-128

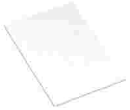
Protective marker cover

Item no.: 209-184
Protection cover; transparent
www.wago.com/209-184

Marker



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



Item no.: 209-183
Marker card; white
www.wago.com/209-183

Item no.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white
www.wago.com/793-501

Item no.: 793-502
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type;
www.wago.com/793-502

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	white	
	Item no.: 793-503 WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-503
	Item no.: 793-504 WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-504
	Item no.: 793-505 WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-505
	Item no.: 793-506 WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-506
	**Item no.: 793-566** WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-566
	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	www.wago.com/793-5501
Group marker carrier		
	**Item no.: 249-105** Group marker carrier; gray	www.wago.com/249-105
Ferrule		
Ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Item no.: 216-242 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	www.wago.com/216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243
	Item no.: 216-244 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	www.wago.com/216-244
Tool		
Operating tool		
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
Jumpers		
Jumper		
	Item no.: 859-408	www.wago.com/859-408

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Jumper; for jumper slot; 8-way; insulated; light gray

Item no.: 281-482
Jumper; insulated; gray
www.wago.com/281-482



Item no.: 859-404/000-005
Jumper; for jumper slot; 4-way; insulated; red
www.wago.com/859-404/000-005



Item no.: 859-404/000-006
Jumper; for jumper slot; 4-way; insulated; blue
www.wago.com/859-404/000-006



Item no.: 859-405/000-005
Jumper; for jumper slot; 5-way; insulated; red
www.wago.com/859-405/000-005



Item no.: 859-405/000-029
Jumper; for jumper slot; 5-way; insulated; yellow
www.wago.com/859-405/000-029



Item no.: 859-405
Jumper; for jumper slot; 5-way; insulated; light gray
www.wago.com/859-405



Item no.: 859-404/000-029
Jumper; for jumper slot; 4-way; insulated; yellow
www.wago.com/859-404/000-029



Item no.: 859-406
Jumper; for jumper slot; 6-way; insulated; light gray
www.wago.com/859-406



Item no.: 859-405/000-006
Jumper; for jumper slot; 5-way; insulated; blue
www.wago.com/859-405/000-006



Item no.: 859-406/000-005
Jumper; for jumper slot; 6-way; insulated; red
www.wago.com/859-406/000-005



Item no.: 859-409/000-029
Jumper; for jumper slot; 9-way; insulated; yellow
www.wago.com/859-409/000-029



Item no.: 859-410/000-005
Jumper; for jumper slot; 10-way; insulated; red
www.wago.com/859-410/000-005



Item no.: 859-410/000-029
Jumper; for jumper slot; 10-way; insulated; yellow
www.wago.com/859-410/000-029

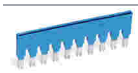
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Item no.: 859-410
Jumper; for jumper slot; 10-way; insulated; light gray
www.wago.com/859-410



Item no.: 859-410/000-006
Jumper; for jumper slot; 10-way; insulated; blue
www.wago.com/859-410/000-006

Item no.: 859-403/000-005
Jumper; for jumper slot; 3-way; insulated; red
www.wago.com/859-403/000-005

Item no.: 859-402/000-029
Jumper; for jumper slot; 2-way; insulated; yellow
www.wago.com/859-402/000-029

Item no.: 859-403/000-029
Jumper; for jumper slot; 3-way; insulated; yellow
www.wago.com/859-403/000-029

Item no.: 859-403/000-006
Jumper; for jumper slot; 3-way; insulated; blue
www.wago.com/859-403/000-006

Item no.: 859-408/000-005
Jumper; for jumper slot; 8-way; insulated; red
www.wago.com/859-408/000-005

Item no.: 859-408/000-029
Jumper; for jumper slot; 8-way; insulated; yellow
www.wago.com/859-408/000-029

Item no.: 859-409
Jumper; for jumper slot; 9-way; insulated; light gray
www.wago.com/859-409

Item no.: 859-408/000-006
Jumper; for jumper slot; 8-way; insulated; blue
www.wago.com/859-408/000-006

Item no.: 859-403
Jumper; for jumper slot; 3-way; insulated; light gray
www.wago.com/859-403

Item no.: 859-409/000-005
Jumper; for jumper slot; 9-way; insulated; red
www.wago.com/859-409/000-005



Item no.: 859-404
Jumper; for jumper slot; 4-way; insulated; light gray
www.wago.com/859-404

Item no.: 859-409/000-006
Jumper; for jumper slot; 9-way; insulated; blue
www.wago.com/859-409/000-006

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	**Item no.: 859-402/000-006** Jumper; for jumper slot; 2-way; insulated; blue	www.wago.com/859-402/000-006
	**Item no.: 859-402** Jumper; for jumper slot; 2-way; insulated; light gray	www.wago.com/859-402
	**Item no.: 859-402/000-005** Jumper; for jumper slot; 2-way; insulated; red	www.wago.com/859-402/000-005
	**Item no.: 859-406/000-006** Jumper; for jumper slot; 6-way; insulated; blue	www.wago.com/859-406/000-006
	**Item no.: 859-406/000-029** Jumper; for jumper slot; 6-way; insulated; signal yellow	www.wago.com/859-406/000-029
	**Item no.: 859-407/000-006** Jumper; for jumper slot; 7-way; insulated; blue	www.wago.com/859-407/000-006
	**Item no.: 859-407/000-005** Jumper; for jumper slot; 7-way; insulated; red	www.wago.com/859-407/000-005
	**Item no.: 859-407/000-029** Jumper; for jumper slot; 7-way; insulated; yellow	www.wago.com/859-407/000-029
	**Item no.: 859-407** Jumper; for jumper slot; 7-way; insulated; light gray	www.wago.com/859-407

Downloads

Documentation

Bid Text

857-1432 docx - Datei	2019. 2. 20.	docx 16.3 kB	Download
857-1432 X81 - Datei	2019. 2. 19.	xml 3.9 kB	Download

Instruction Leaflet

Elektromechanical and Solid-State Relays/Optocouplers	V 1.4.1 2020. 10. 9.	pdf 2.6 MB	Download

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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download

CAD/CAE-Data

CAD data

2D/3D Models 857-1432	URL	Download

CAE data

EPLAN Data Portal 857-1432	URL	Download
WSCAD Universe 857-1432	URL	Download
ZUKEN Portal 857-1432	URL	Download

Environmental Product Compliance

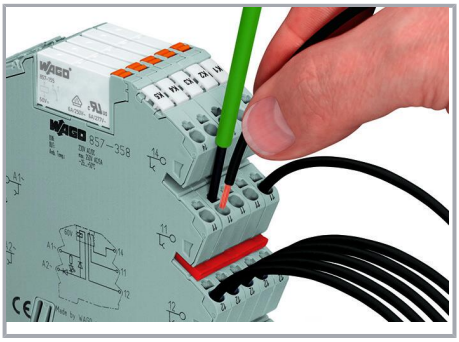
Compliance Search

Environmental Product Compliance 857-1432 Optocoupler module; 2-port; Nominal input voltage: 24 VDC; Output voltage range: 9 … 60 VDC; Limiting continuous current: 0.5 A; 2 changeover contacts; Yellow status indicator; Module width: 6 mm	URL	Download

Installation Notes

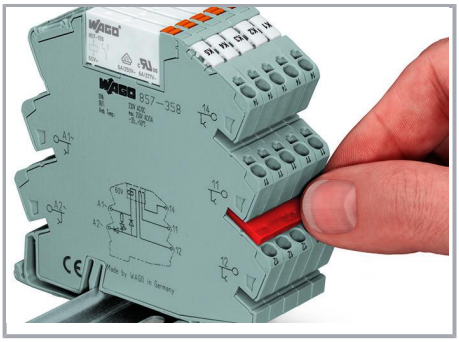
Conductor termination

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Conductor termination

Commoning



Easy commoning using adjacent jumpers

Marking



Marking via WMB Multi Marking System.

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