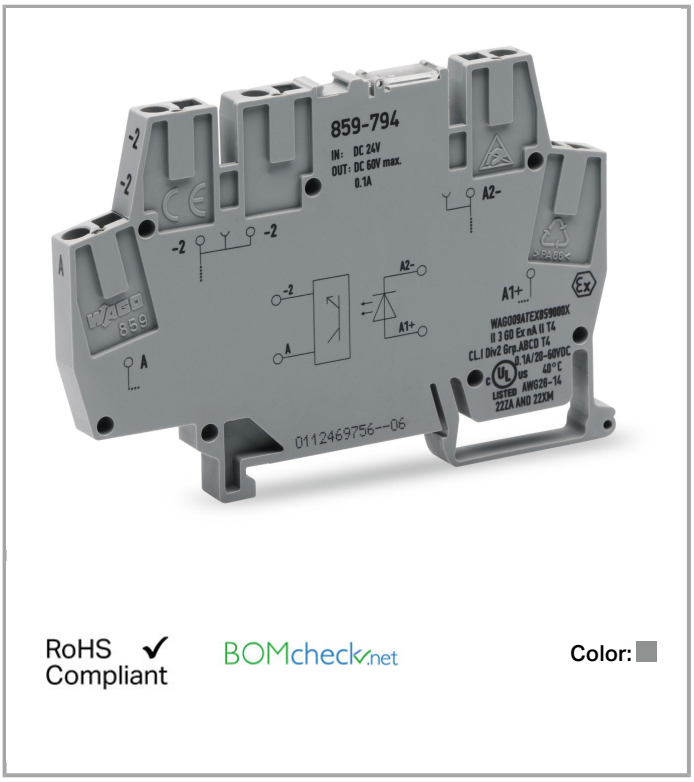
Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 0 … 24 VDC; Limiting continuous current: 0.1 A; Module width: 6 mm

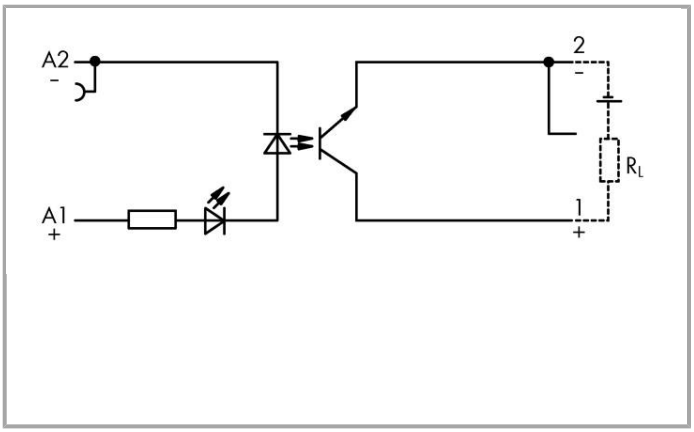
www.wago.com/859-794

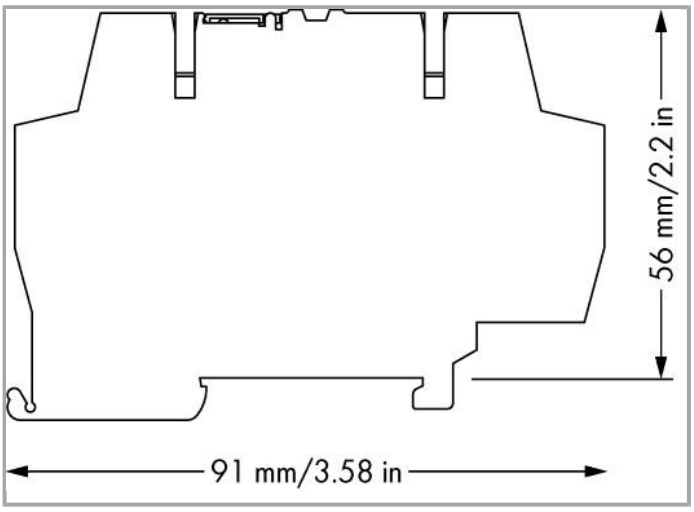


RoHS ✓ Compliant

BOMcheck.net

Color:





Data

Technical Data

Control circuit

Nominal input voltage U_N	24 VDC

Input voltage range (low level)	0 … 5 VDC
Input voltage range (high level)	16 … 30 VDC
Nominal input current at U_N	4.2 mA

Load circuit:

Circuit type	2-conductor termination
Limiting continuous current	0.1 A
Output voltage range	9 … 60 VDC
Max. voltage drop at output	≤ 2 VDC
Leakage current at nominal voltage	≤ 25 µA
Turn-on time	≤ 20 µs
Drop-out time	≤ 120 µs
Switching frequency	≤ 1.5 kHz

Signaling

Status indication	LED red

Safety and protection:

Dielectric strength, control/load circuit (AC, 1 min)	2.5 kV_{rms}
Dielectric strength, control/load circuit (AC, 1 min)	2.5 kV_{rms}

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.08 … 2.5 mm² / 28 … 14 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 14 AWG
Strip length	5 … 6 mm / 0.2 … 0.24 Inch

Geometrical Data

Width	6 mm / 0.236 inch
Height from upper-edge of DIN-35 rail	56 mm / 2.205 inch
Depth	91 mm / 3.583 inch

Mechanical data

Type of mounting	DIN-35 rail

Material Data

Color	gray
Fire load	0.478 MJ

Weight	18.4 g

Environmental Requirements

Surrounding air (storage) temperature	-40 … 70 °C
Processing temperature	-25 … +70 °C

Standards and specifications

Standards/specifications	EN 60664-1; EN 61000-6-2; EN 61000-6-3; EN 50121-3-2; EN 61373; UL 508

Commercial data

Country of origin	DE
GTIN	4055143606325
Product Group	6 (Interface Electronics)

Approvals / Certificates

UL-Approvals

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

Compatible products

ferrule

	**Item no.: 216-221** Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin plated	www.wago.com/216-221
	**Item no.: 216-222** Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin plated	www.wago.com/216-222
	**Item no.: 216-223** Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated	www.wago.com/216-223
	**Item no.: 216-224** Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated	www.wago.com/216-224
	**Item no.: 216-321** Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated	www.wago.com/216-321
	**Item no.: 216-322** Ferrule; Sleeve for 0.34 mm² / AWG 24; insulated; electro-tin plated	www.wago.com/216-322

Jumper

	**Item no.: 859-402** Push-in type jumper bar; Light gray; Insulated; 18 A; 2-position	www.wago.com/859-402
	**Item no.: 859-402/000-005** Push-in type jumper bar; 2-way; Nominal current 18 A; insulated	www.wago.com/859-402 /000-005
	**Item no.: 859-402/000-006** Push-in type jumper bar; 2-way; Nominal current 18 A; insulated	www.wago.com/859-402 /000-006
	**Item no.: 859-402/000-029** Push-in type jumper bar; 2-way; Nominal current 18 A; insulated	www.wago.com/859-402 /000-029
	**Item no.: 859-403** Push-in type jumper bar; Light gray; Insulated; 18 A; 3-position	www.wago.com/859-403
	**Item no.: 859-403/000-005** Push-in type jumper bar; 3-way; Nominal current 18 A; insulated	www.wago.com/859-403 /000-005
	**Item no.: 859-403/000-006** Push-in type jumper bar; 3-way; Nominal current 18 A; insulated	www.wago.com/859-403 /000-006
	**Item no.: 859-403/000-029** Push-in type jumper bar; 3-way; Nominal current 18 A; insulated	www.wago.com/859-403 /000-029
	**Item no.: 859-404** Push-in type jumper bar; Light gray; Insulated; 18 A; 4-position	www.wago.com/859-404
	**Item no.: 859-404/000-005** Push-in type jumper bar; 4-way; Nominal current 18 A; insulated	www.wago.com/859-404 /000-005
	**Item no.: 859-404/000-006** Push-in type jumper bar; 4-way; Nominal current 18 A; insulated	www.wago.com/859-404 /000-006
	**Item no.: 859-404/000-029** Push-in type jumper bar; 4-way; Nominal current 18 A; insulated	www.wago.com/859-404 /000-029
	**Item no.: 859-405** Push-in type jumper bar; Light gray; Insulated; 18 A; 5-position	www.wago.com/859-405
	**Item no.: 859-405/000-005** Push-in type jumper bar; 5-way; Nominal current 18 A; insulated	www.wago.com/859-405 /000-005
	**Item no.: 859-405/000-006** Push-in type jumper bar; 5-way; Nominal current 18 A; insulated	www.wago.com/859-405 /000-006
	**Item no.: 859-405/000-029** Push-in type jumper bar; 5-way; Nominal current 18 A; insulated	www.wago.com/859-405 /000-029

	**Item no.: 859-406** Push-in type jumper bar; Light gray; Insulated; 18 A; 6-position	www.wago.com/859-406
	**Item no.: 859-406/000-005** Push-in type jumper bar; 6-way; Nominal current 18 A; insulated	www.wago.com/859-406 /000-005
	**Item no.: 859-406/000-006** Push-in type jumper bar; 6-way; Nominal current 18 A; insulated	www.wago.com/859-406 /000-006
	**Item no.: 859-406/000-029** Push-in type jumper bar; 6-way; Nominal current 18 A; insulated	www.wago.com/859-406 /000-029
	**Item no.: 859-407** Push-in type jumper bar; Light gray; Insulated; 18 A; 7-position	www.wago.com/859-407
	**Item no.: 859-407/000-005** Push-in type jumper bar; 7-way; Nominal current 18 A; insulated	www.wago.com/859-407 /000-005
	**Item no.: 859-407/000-006** Push-in type jumper bar; 7-way; Nominal current 18 A; insulated	www.wago.com/859-407 /000-006
	**Item no.: 859-407/000-029** Push-in type jumper bar; 7-way; Nominal current 18 A; insulated	www.wago.com/859-407 /000-029
	**Item no.: 859-408** Push-in type jumper bar; Light gray; Insulated; 18 A; 8-position	www.wago.com/859-408
	**Item no.: 859-408/000-005** Push-in type jumper bar; 8-way; Nominal current 18 A; insulated	www.wago.com/859-408 /000-005
	**Item no.: 859-408/000-006** Push-in type jumper bar; 8-way; Nominal current 18 A; insulated	www.wago.com/859-408 /000-006
	**Item no.: 859-408/000-029** Push-in type jumper bar; 8-way; Nominal current 18 A; insulated	www.wago.com/859-408 /000-029
	**Item no.: 859-409** Push-in type jumper bar; Light gray; Insulated; 18 A; 9-position	www.wago.com/859-409
	**Item no.: 859-409/000-005** Push-in type jumper bar; 9-way; Nominal current 18 A; insulated	www.wago.com/859-409 /000-005
	**Item no.: 859-409/000-006** Push-in type jumper bar; 9-way; Nominal current 18 A; insulated	www.wago.com/859-409 /000-006



Item no.: 859-409/000-029
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated
www.wago.com/859-409/000-029



Item no.: 859-410
Push-in type jumper bar; Light gray; Insulated; 18 A; 10-position
www.wago.com/859-410



Item no.: 859-410/000-005
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated
www.wago.com/859-410/000-005



Item no.: 859-410/000-006
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated
www.wago.com/859-410/000-006



Item no.: 859-410/000-029
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated
www.wago.com/859-410/000-029

tools



Item no.: 210-720
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm
www.wago.com/210-720

check



Item no.: 859-500
Test pin; 1 mm Ø; with solder connection for test wire
www.wago.com/859-500

Marking accessories

Item no.: 2009-145
Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type
www.wago.com/2009-145

Item no.: 2009-145/000-002
Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type
www.wago.com/2009-145/000-002

Item no.: 2009-145/000-005
Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type
www.wago.com/2009-145/000-005

Item no.: 2009-145/000-006
Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type
www.wago.com/2009-145/000-006

Item no.: 2009-145/000-007
Mini-WSB Inline; plain; 1,700 Mini-WSB markers (5 mm) on roll; stretchable 5 - 5.2 mm
www.wago.com/2009-145/000-007

Item no.: 2009-145/000-012
Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type
www.wago.com/2009-145/000-012

Item no.: 2009-145/000-023
Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type
www.wago.com/2009-145/000-023

	**Item no.: 2009-145/000-024** Mini-WSB Inline; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	www.wago.com/2009-145/000-024
	**Item no.: 210-110** Fiber-tip pen	www.wago.com/210-110
	**Item no.: 248-501** Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	www.wago.com/248-501
	**Item no.: 248-501/000-002** Mini-WSB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/248-501/000-002
	**Item no.: 248-501/000-005** Mini-WSB marking card; as card; plain; snap-on type	www.wago.com/248-501/000-005
	**Item no.: 248-501/000-006** Mini-WSB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/248-501/000-006
	**Item no.: 248-501/000-007** Mini-WSB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/248-501/000-007
	**Item no.: 248-501/000-012** Mini-WSB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/248-501/000-012
	**Item no.: 248-501/000-017** Mini-WSB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/248-501/000-017
	**Item no.: 248-501/000-023** Mini-WSB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/248-501/000-023
	**Item no.: 248-501/000-024** Mini-WSB marking card; as card; not stretchable; plain; snap-on type	www.wago.com/248-501/000-024
	**Item no.: 248-502** Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type	www.wago.com/248-502
	**Item no.: 248-502/000-024** Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type	www.wago.com/248-502/000-024
	**Item no.: 248-503** Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type	www.wago.com/248-503
	**Item no.: 248-503/000-024** Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type	www.wago.com/248-503/000-024
	Item no.: 248-504/000-024	

	Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type	www.wago.com/248-504/000-024
	**Item no.: 248-505/000-024** Mini-WSB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type	www.wago.com/248-505/000-024
	**Item no.: 248-506** Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type	www.wago.com/248-506

End plate

	**Item no.: 859-525** End and intermediate plate; 1 mm thick; Gray	www.wago.com/859-525

Downloads

Documentation

Bid Text

859-794 Optokoppler	Mar 9, 2016	DOC 26.6 kB	Download

Instruction Leaflet

Relay Modules, Optocoupler Modules, Specialty Functions	Dec 9, 2016	PDF 1.7 MB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download

CAD files

CAD data

3D Download 859-794	URL	Download

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