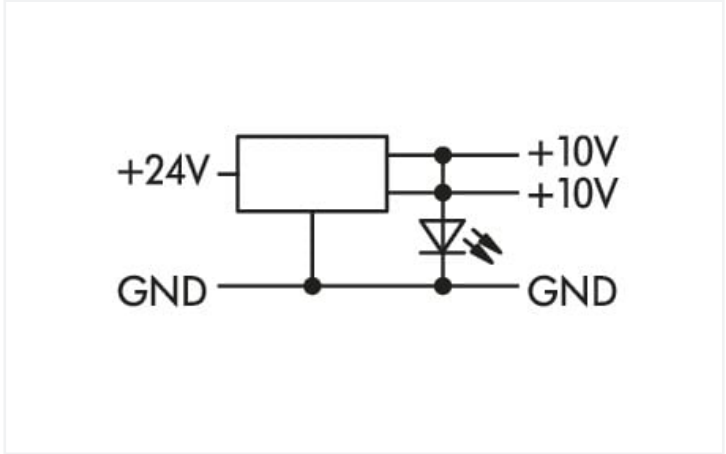
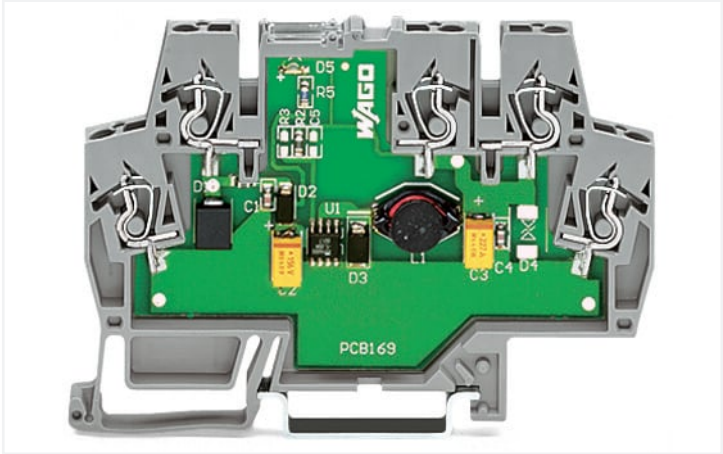
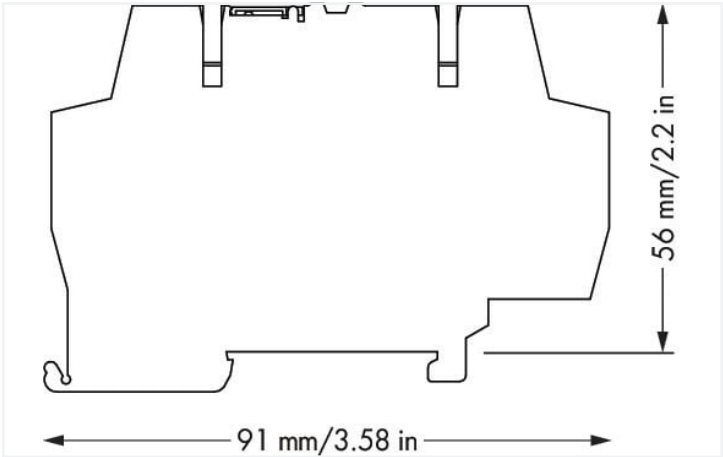




Color: ■ gray



Dimensions in mm

Technical data			
Input		Output	
Nominal input voltage $U_{i\,nom}$	DC 24 V	Nominal output voltage $U_{o\,nom}$	DC 10 V
Input voltage range	DC 15 ... 30 V	Output voltage range	±2 %
Nominal mains frequency range	0 Hz	Nominal output current $I_{o\,nom}$	0.5 A
Mains failure hold-up time	≥ 0.5 ms	Operating voltage feedthrough	≤ 0.5 %
		Load regulation	≤ 0.7 %
		Residual ripple	≤ 20 mV
		Switching frequency	20 kHz (Nominal)
		Overload behavior	Temporary no damage (short circuit of the output for 1 minute)
Signaling and communication		Efficiency/power losses	
Signaling	1 x LED	Efficiency (typ.)	85 %



Circuit protection	
Internal fuse	TVS diode

Safety and protection	
Protection class	III
Protection type	IP20; per EN 60529
Reverse voltage protection	Yes
Pollution degree	2
Series operation	No

Connection data	
Number of jumper slots	2
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 859 Series
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 inches

Physical data	
Width	6 mm / 0.236 inches
Height	91 mm / 3.583 inches
Height from upper-edge of DIN-rail	56 mm / 2.205 inches
Depth	91 mm / 3.583 inches
Depth from upper-edge of DIN-rail	56 mm / 2.205 inches

Mechanical data	
Housing design	Rail-mount terminal block
Mounting type	DIN-35 rail

Material data	
Color	gray
Fire load	0.48 MJ
Weight	30.8 g

Environmental requirements	
Ambient temperature (operation)	-25 ... +55 °C

Standards and specifications	
Conformity marking	CE



Commercial data		
eCl@ss 10.0		27-04-07-01
eCl@ss 9.0		27-04-07-01
ETIM 8.0		EC002540
ETIM 7.0		EC002540
PU (SPU)		10 (1) pcs
Packaging type		Box
Country of origin		US
GTIN		4050821083313
Customs tariff number		85044083900

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations	
			
Approval	Standard	Certificate Name	
EAC Brjansker Zertifizierungs- stelle	TP TC 020/2011	EAC_Certificate_RU_C- DE.AM02.B.00115_19	
UL Underwriters Laboratories Inc. (ORDINARY LOCATI- ONS)	UL 508	E175199 Sec.4	

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

Approvals for hazardous areas

		
Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (HAZARDOUS LOCA- TIONS)	ANSI/ISA 12.12.01	E198726

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 859-802	



Documentation				
Bid Text			Instruction Leaflet	
859-802	19.02.2019	xml 4.15 KB	DC/DC-Wandler	pdf 67.21 KB
859-802	06.02.2015	doc 26.00 KB		

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 859-802	EPLAN Data Portal 859-802
	WSCAD Universe 859-802
	ZUKEN Portal 859-802

1 Compatible Products
1.1 Optional Accessories
1.1.1 End plate
1.1.1.1 End plate



Item No.: 859-525
End and intermediate plate; 1 mm thick; gray

1.1.1.2 Intermediate plate
Item No.: 859-525 End and intermediate plate; 1 mm thick; 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.: 248-502
Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-503
Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-506
Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; 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

1.1.2.2 Marking device



Item No.: 210-110

Fiber-tip pen

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