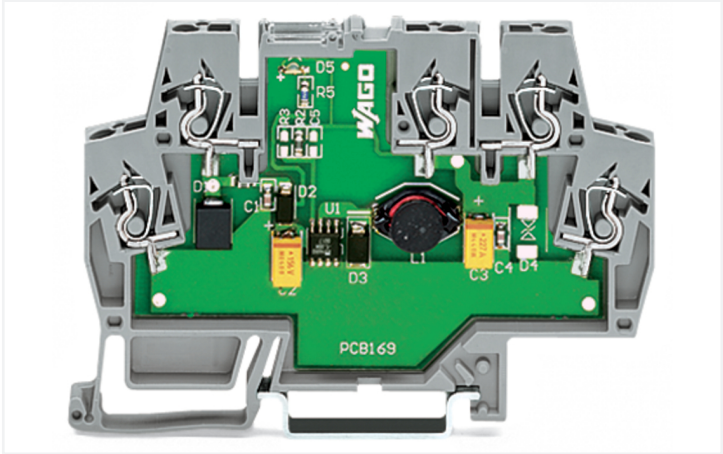
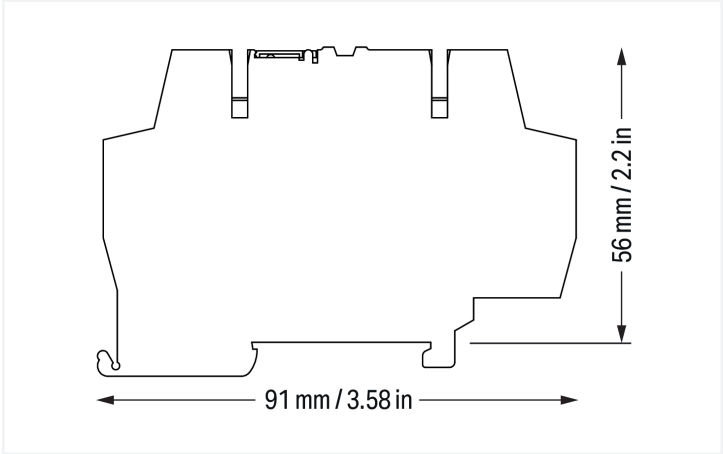
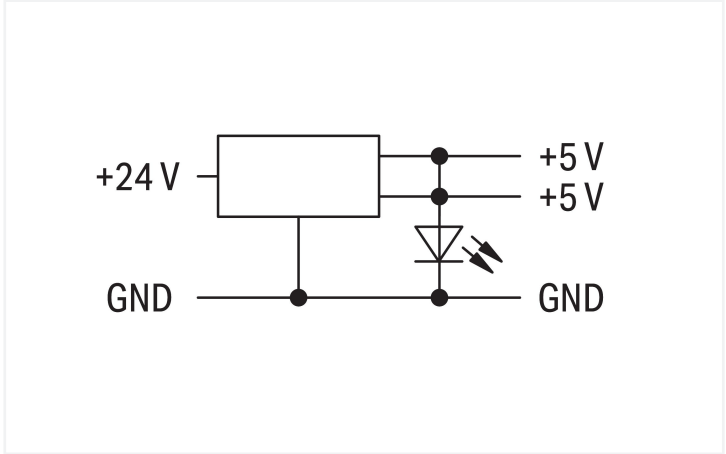




Color: ■ gray



End and intermediate plate (859-525) is included

Technical data			
Input		Output	
Nominal input voltage $U_{i\,nom}$	24 VDC	Nominal output voltage $U_{o\,nom}$	5 VDC
Input voltage range	10 ... 30 VDC	Output voltage range	±2 %
Nominal mains frequency range	0 Hz	Nominal output current $I_{o\,nom}$	0.5 A (single, 10 mm spacing); 0.4 A (in a row)
Mains failure hold-up time	≥ 1 ms	Operating voltage feedthrough	≤ 2 %
		Load regulation	≤ 0.5 %
		Residual ripple	≤ 150 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.)	70 %

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 1	
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
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	20 g

Environmental requirements	
Ambient temperature (operation)	0 ... +40 °C

Standards and specifications	
Conformity marking	CE



Commercial data		
PU (SPU)	10 (1) pcs	
Packaging type	Box	
Country of origin	US	
GTIN	4050821021568	
Customs tariff number	85044083900	

Product classification		
UNSPSC	39121004	
eCl@ss 10.0	27-04-07-01	
eCl@ss 9.0	27-04-07-01	
ETIM 9.0	EC002540	
ETIM 8.0	EC002540	
ECCN	EAR99	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Confor-		
EAC	TP TC 020/2011	EAC CoC 03081	mity		
GZO Almaty Standart			-		
UL	UL 508	E175199 Sec.4	WAGO GmbH & Co. KG		
Underwriters Laboratories Inc. (ORDINARY LOCATIONS)					

Approvals for hazardous areas

		
Approval	Standard	Certificate Name
CCC	CNCA-C23-01	2021312304000982 (Ex ec IIC T4 Gc)
CNEX		
UKEx	EN 60079-0	WAGO22UKEX007X_ec
WAGO GmbH & Co. KG		
UL	ANSI/ISA 12.12.01	E198726
Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)		



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 859-801

Download icon

Documentation				
Bid Text			Instruction Leaflet	
859-801	19.02.2019	xml 4.23 KB	CCC Ex (Additional information) 26.04.2023	pdf 132.68 KB
859-801	06.02.2015	doc 26.00 KB	DC/DC-Wandler	pdf 79.43 KB

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 859-801	EPLAN Data Portal 859-801
	WSCAD Universe 859-801
	ZUKEN Portal 859-801

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

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