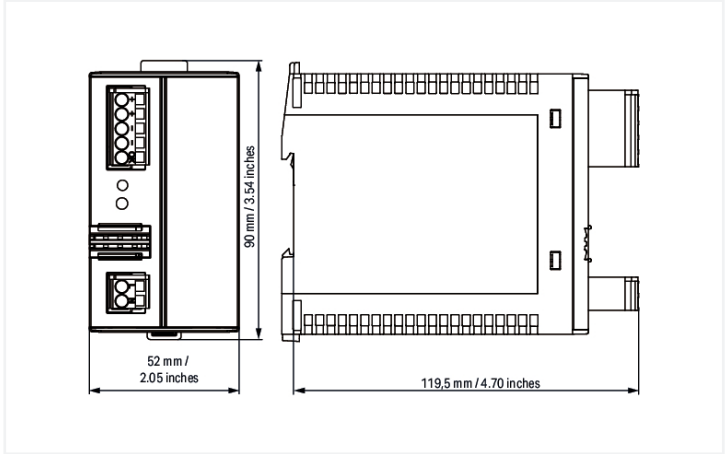




Features:

- Switched-mode power supply
- Supplies AS-Interface fieldbus systems
- Natural convection cooling when horizontally mounted
- Encapsulated for use in control cabinets
- Electrically isolated output voltage (SELV) per EN IEC 61010-2-201 and UL 60950

Technical data			
Input		Output	
Phases	1	Nominal output voltage $U_{o\ nom}$	DC 30.5 V (SELV)
Nominal input voltage $U_{i\ nom}$	1 x AC 100 ... 240 V	Output voltage range	DC 29 ... 32 V (adjustable)
Input voltage range	1 x AC 85 ... 264 V; DC 120 ... 372 V	Default Setting	DC 30.5 V
Nominal mains frequency range	47 ... 63 Hz; 0 Hz	Nominal output current $I_{o\ nom}$	3 A (AS-i compatible)
Input current I_i	≤ 1.81 A (100 VAC); ≤ 0.91 A (230 VAC)	Deviation	≤ 1 %
Inrush current	≤ 30 A (NTC)	Load regulation	≤ 1 %
Power factor correction (PFC)	Passive	Overload behavior	Constant current (without shutdown in the event of overload)
Mains failure hold-up time	≥ 13 ms (100 VAC); ≥ 100 ms (230 VAC)		



Signaling and communication	
Operation status indicator	Green LED (DC OK)

Efficiency/power losses	
Power loss P_I	$\leq 2.3\text{ W (no load); } \leq 14\text{ W (nominal load)}$
Power loss (max.) $P_{I(max)}$	15 W (264 VAC / 30.5 VDC; 3 A)
Efficiency (typ.)	88 %

Circuit protection	
Internal fuse	T 4 A / 250 VAC
Backup fusing (required)	An external DC fuse is required for the DC input voltage.
Backup fusing (recommended)	Circuit breaker: C10 or B16

Safety and protection	
Isolation voltage (pri.-sec.)	DC 4.242 kV
Isolation voltage (pri.-PE)	DC 2.2 kV
Isolation voltage (sec.-PE)	DC 0.7 kV
Protection class	II
Protection type	IP20; per EN 60529
Resistance to reverse feed	$\leq$ DC 63 V
Overvoltage category	II
Pollution degree	2
Transient suppression (primary)	Varistor
Overvoltage protection; secondary	$\leq 40\text{ VDC (in the event of a fault)}$
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	No
Series operation	Yes
MTBF	$> 500,000\text{ h (per IEC 61709)}$

Connection data	
Connection type 1	Input/output
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 721 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 AWG ... 12 kcmil
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Note (conductor cross-section)	12 AWG: THHN, THWN

Physical data	
Width	52 mm / 2.05 inches
Height	96.5 mm / 3.78 inches
Depth from upper-edge of DIN-rail	13.5 mm / 4.06 inches



Mechanical data	
Mounting type	DIN-35 rail
Mounting position	Horizontal

Material data	
Fire load	0 MJ
Weight	380 g

Environmental requirements	
Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-25 ... +85 °C
Relative humidity	5 ... 96 % (no condensation permissible)
Derating	-3 %/K (> 50 °C)
Climatic category	3K3 (per EN 60721)

Standards and specifications	
Standards/specifications	EN 61558-2-16 EN 61010-1 EN 61010-2-201 EN 60335-1 EN 61204-3 EN 61140 UL 508 UL 60950 AS-Interface

Commercial data	
ETIM 8.0	EC002540
ETIM 7.0	EC002540
PU (SPU)	1 pcs
Country of origin	DE
GTIN	4066966335330
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 GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081
Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-



Protocol and fieldbus specific certificates



Approval	Standard	Certificate Name
AS-i AS-International Association	-	ASI_ZU-Nr. 136901

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 787-1692

