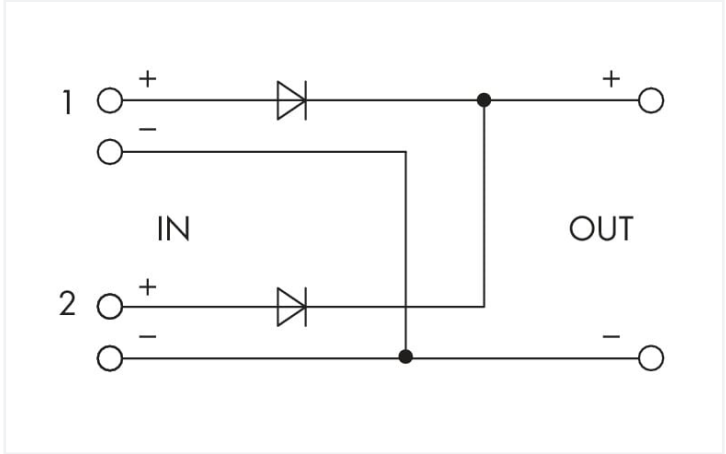




- Features:**
- Redundancy module with two inputs decouples two power supplies.
 - For redundant and fail-safe power supply
 - With LED for input voltage monitoring on site and remotely

Technical data			
Input		Output	
Nominal input voltage $U_{i\text{nom}}$	2 x DC 24 V	Nominal output voltage $U_{o\text{nom}}$	DC 24 V
Input voltage range	2 x DC 9 ... 54 V	Output voltage range	DC 9 ... 54 V (U_e – voltage drop)
Nominal mains frequency range	0 Hz	Voltage drop	≤ 0.8 V (Input/output)
Input current I_i	≤ 12.5 A (per path); ≤ 25 A (in total)	Nominal output current $I_{o\text{nom}}$	12.5 A (redundancy operation); 25 A (Parallel operation)
		Nominal output power	600 W
		Output power (max.)	≤ 1350 W
Signaling and communication		Efficiency/power losses	
Signaling	1 x IN1 LED (green) 1 x IN2 LED (green) 1 x OUT LED (green)	Power loss P_i	≤ 19 W (nominal load)
Operation status indicator	2 x Green LED ($U_i > 7.5$ VDC) 1 x Green LED ($U_o > 7.5$ VDC)	Efficiency (typ.)	96 %
Safety and protection			
Isolation voltage (connectors – housing)	DC 0.5 kV		
Protection class	III		
Protection type	IP20; per EN 60529		
Resistance to reverse feed	≤ DC 60 V		
Pollution degree	2		
Overvoltage protection; secondary	No		
Short-circuit-protected	No		
Open-circuit-proof	Yes		
Parallel operation	Yes		
Series operation	No		
MTBF	> 10 million h (per IEC 61709)		



Connection data	
Connection type 1	Input/output
Connection technology	Push-in CAGE CLAMP®
WAGO connector	WAGO 2706 Series
Solid conductor	0.5 ... 6 mm² / 20 ... 10 AWG
Fine-stranded conductor	0.5 ... 6 mm² / 20 ... 10 AWG
Strip length	11 ... 12 mm / 0.43 ... 0.47 inches

Physical data	
Width	50 mm / 1.969 inches
Height	130 mm / 5.118 inches
Depth from upper-edge of DIN-rail	92 mm / 3.662 inches

Mechanical data	
Mounting type	DIN-35 rail

Material data	
Fire load	0 MJ
Weight	31.1 g

Environmental requirements	
Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C
Relative humidity	≤ 95% (no condensation permissible)
Derating	-2.66 %/K (55 °C < T _u ≤ 70 °C)
Climatic category	3K3 (per EN 60721; except for low air pressure)
Resistance to shock and vibration	Shock: 15g (per EN 60068-2-27)

Standards and specifications	
Conformity marking	CE
Standards/specifications	UL 508

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)	1 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143036290
Customs tariff number	85044095900



Environmental Product Compliance	
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I 7(c)-II
SCIP notification number (Bulgaria)	ee8b3ea5-15c1-45d9-8bcc-d73670c4c6fe
SCIP notification number (Czech Republic)	30618d2b-98b4-4bd3-9376-269bf618f4a8

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 508	E255817
		EU-Declaration of Confor- mity WAGO GmbH & Co. KG
		UK-Declaration of Confor- mity WAGO GmbH & Co. KG

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 787-783	

Documentation			
Bid Text		Instruction Leaflet	
787-783	15.07.2019	xml 5.51 KB	
787-783	15.07.2019	docx 21.38 KB	
		Diode Redundancy Mo- dule	V 1.2.0 29.09.2021 pdf 3799.12 KB 

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 787-783	EPLAN Data Portal 787-783
	WSCAD Universe 787-783
	ZUKEN Portal 787-783