

Weidmüller Interface GmbH & Co. KG

1

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com





In many automation applications, power supply systems are required that function reliably even if a power supply unit fails. With our optimally coordinated supplementary modules, a permanent supply concept is created. Weidmüller's diodes and redundancy modules connect two power supplies to each other in order to compensate for the failure of one device. Redundancy modules increase system availability is decisive. Each redundant branch is able to supply full output load. The 24-V control voltage remains stable in the event of a power supply failure. The use of MOSFETs in our redundancy modules allows for a optimum efficiency.

General ordering data

Version	Redundancy module, 24 V DC
Order No.	<u>2486100000</u>
Туре	PRO RM 20
GTIN (EAN)	4050118496833
Qty.	1 ST





Weidmüller Interface GmbH & Co. KG

2

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Αŗ	าก	ro	va	ıls
	,,,			

Approvals	CUL US ONV	Type Approved CA	
ROHS	Conform		
	* - 1 11 11 11 11 11 11 11 11 11 11 11 11		
UL File Number Search	UL Website E258476		
Certificate no. (cULus)	E258476		
Dimensions and weights			
Depth	125 mm	Depth (inches)	4.9212 inch
Height	130 mm	Height (inches)	5.1181 inch
Width	38 mm	Width (inches)	1.4961 inch
Net weight	47 g		
Temperatures			
Storage temperature	-40 °C85 °C	Operating temperature	-40 °C70 °C
Humidity	5-95% relative humidity, Tu = 40°C, without condensation		
Environmental Product Compl	iance		
RoHS Compliance Status	Compliant with exemption		
RoHS Exemption (if applicable/known)	7a, 7cl		
REACH SVHC	Lead 7439-92-1		
SCIP	cc374e6c-371c-484b-a36d	l-6c65c5030ae7	
Input			
Connection system	PUSH IN	Rated input voltage	24 V DC
DC input voltage range	°C), 2 × 20		2 × 24 A (-40 °C ~ +45 °C), 2 × 20 A (+45 °C ~ +60 °C), 2 × 15 A (+70 °C)
Nominal power consumption	480 VA		
Output			
		_	
Output power	952 W	Connection system	PUSH IN
Rated output voltage	VINPUT-typ. 0.2 V	Output voltage, max.	32 V
Output voltage, min.	9.8 V	Output current, max.	48 A
Continuous output current @ UNominal	1 × 48 A (-40 °C +45 °C), 1 × 40 A (+45 °C ~ +60 °C), 1 × 30 A (+70 °C)		
General data			
Degree of efficiency	> 98%	Weight	558 g
Humidity	5-95% relative humidity, Tu = 40°C, without	Protection degree	IP20
Mounting position, installation notice	condensation Horizontal on TS35	Derating	> 60°C / 75% @ 70°C

Creation date 04.07.2025 08:51:14 MEZ

Catalogue status / Drawings

mounting rail. 50 mm of clearance at top & Dottom for air circ. Can





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

	mount side by side with no space in between.		
Conformal coating	Yes	Short-circuit protection	No
EMC / shock / vibration			
Shock resistance IEC 60068-2-27	30 g in all directions	Vibration resistance IEC 60068-2-6	2.3 g (on DIN rail)
Insulation coordination			
Protection class	III, with no ground connection, for SELV	Insulation voltage input / earth	0.5 kV
Insulation voltage output / earth	0.5 kV		
Connection data (input)			
Connection system	PUSH IN	Number of terminals	1 (+ +)
Connection system Conductor cross-section, AWG/kcmil,	8 AWG	Conductor cross-section, AWG/kcmil .	4 (+,+,-,-) 24 AWG
max.	071110	min.	217.000
Wire connection cross section, flexible (input), max.	6 mm ²	Conductor cross-section, flexible , min.	0.2 mm ²
Conductor cross-section, rigid , max.	10 mm ²	Conductor cross-section, rigid, min.	0.2 mm ²
Connection data (output)			
Connection system	PUSH IN	Number of terminals	2 (+ / -)
Conductor cross-section, AWG/kcmil, max.	4 AWG	Conductor cross-section, AWG/kcmil, min.	20 AWG
Conductor cross-section, flexible , max.	16 mm ²	Conductor cross-section, flexible, min.	0.75 mm ²
Conductor cross-section, rigid , max.	16 mm²	Conductor cross-section, rigid, min.	0.75 mm²
Connection data (signal)			
Wire connection cross-section, flexible (signal), max.	1.5 mm ²	Wire connection method	PUSH IN
Wire cross-section, AWG/kcmil , max.	16	Wire cross-section, solid , min.	0.2 mm ²
Wire cross-section, solid , max.	1.5 mm ²	Wire connection cross-section, flexible (signal), min.	0.2 mm ²
Wire cross-section, AWG/kcmil , min.	24 mm²	, , ,	
Classifications			
ETIM CO	5000050	ETIM 7.0	50000050
ETIM 8.0	EC002850	ETIM 7.0	EC002850
ETIM 10.0	EC002850	ETIM 9.0	EC002850
ETIM 10.0	EC002850	ECLASS 9.0	27-04-06-92
ECLASS 9.1	27-04-92-90	ECLASS 10.0	27-04-06-92
ECLASS 11.0	27-04-06-92	ECLASS 12.0	27-04-06-92
ECLASS 13.0	27-04-06-92	ECLASS 14.0	27-04-06-92
ECLASS 15.0	27-04-06-92		

Catalogue status / Drawings



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Туре	WEW 35/1 V0 GF SW	Version
Order No.	1478990000	End bracket, black, TS 35, V-0, Wemid, Width: 12 mm, 130 °C
GTIN (EAN)	4050118286892	
Qty.	50 ST	
Туре	WEW 35/2 V0 GF SW	Version
Type Order No.	WEW 35/2 V0 GF SW 1479000000	Version End bracket, black, TS 35, V-0, Wemid, Width: 8 mm, 130 °C
	· ·	

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Туре	SDIS SL 0.6X3.5X100	Version
Order No.	1274660000	Screwdriver, Mounting tool
GTIN (EAN)	4050118072631	
Qty.	1 ST	

Crosshead screwdriver, Pozidrive



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

General ordering data

Type SDIK PZ2 SL
Order No. 1274740000
GTIN (EAN) 4050118073218
Oty. 1 ST

Version

Screwdriver, Screwdriver

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type SDIS SL 1.0X5.5X125
Order No. 1274680000
GTIN (EAN) 4050118073263
Oty. 1 ST

version

Screwdriver, Mounting tool

Creation date 04.07.2025 08:51:14 MEZ

Catalogue status / Drawings 5