



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Product image**

#### Similar to illustration

- 1 NO contact (MOS-FET)
- 6.4 mm wide
- 2 A DC output current
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 12 V DC to 230 V UC with coloured marking: AC: red, DC: blue, UC: white

#### **General ordering data**

TERMSERIES, Solid-state relay, Rated control voltage: 24230 V UC $\pm 10~\%$ , Rated switching voltage: 333 V DC, Continuous current: 2 A, Tension-clamp connection
<u>1127380000</u>
TOZ 24-230VUC 24VDC2A
4032248908929
10 items
This article will no longer be available in the future.
2026-03-30T00:00:00+02:00
TOP 24-230VUC 24VDC2A ED2

Creation date 20.11.2025 05:49:43 MEZ





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

Approvals			
Approvals			
ROHS	Conform		
UL File Number Search	UL Website		
Certificate no. (cULus)	E141197		
Dimensions and weights			
Depth	87.8 mm	Depth (inches)	3.4567 inch
Height	90.5 mm	Height (inches)	3.563 inch
Nidth	6.4 mm	Width (inches)	0.252 inch
Net weight	33.5 g	width (monos)	0.202 mon
Temperatures			
	40.00 70.00		22.02
Storage temperature	-40 °C70 °C	Ambient temperature	-20 °C60 °C
Operating temperature		Humidity	5-95% relative humidity Tu = 40°C, without condensation
Probability of failure			
MTTF	781 a		
Environmental Product Comp	liance		
RoHS Compliance Status	Compliant with exemption		
RoHS Exemption (if applicable/known)			
REACH SVHC	Lead 7439-92-1		
SCIP	9e2cbc49-76d9-4611-b8	ec-5b4f549a0aa9	
Rated data UL			
Ambient temperature (operational), ma	x 40 °C	Connection cross-section AWG, min.	AWG 26
Connection cross-section AWG, max.	AWG 14	Type of conductor	rigid copper conductor, flexible copper conducto
Pollution severity level	2		
Control side			
Rated control voltage	24230 V UC ±10 %	Nominal control current	22 mA @ 24 V DC, 4 mA
		_	@ 230 V AC
Power rating	530 mW @ 24 V DC, 930 mVA @ 230 V AC	Status indicator	Green LED
Protective circuit	Rectifier	Input frequency	3 Hz
Coil voltage of the replacement relay deviating from the rated control voltage	Yes	Coil voltage of the replacement relay	24 V DC
Load side			
Rated switching voltage	333 V DC	Continuous current	2 A
<u> </u>	2 A	Inrush current	15 A / 10 ms
Rated switching current			
<u> </u>		= 000 =	
Rated switching current Switch-on delay Voltage drop at max. load	<20 ms ≤ 120 mV	Switch-off delay Leakage current	<100 ms

Creation date 20.11.2025 05:49:43 MEZ

5 mA

Free-wheeling diode

Min. switching current

Protective circuit, load side

Catalogue status / Drawings

Short-circuit-proof

Contact type

No

1 NO contact (MOS-FET)

2





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

max. switching frequency (AC control voltage)	3 Hz	max. switching frequency (DC control voltage)	3 Hz

#### **General data**

	<u>'</u>	
Mounting rail	TS 35	
Test button available	No	
Colour	black	
UL94 flammability rating component	Component	Housing
	UL94 flammability rating	V-0
	Component	Retaining clip
	UL94 flammability rating	V-0

#### **Insulation coordination**

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength for control side - loa side	d 2.5 kVeff	Dielectric strength to mounting rail	4 kVeff / 1 Min.
Impulse withstand voltage	6 kV (1.2/50 μs)	Protection degree	IP20

## Further details of approvals / standards

Certificate No. (DNV)	TAA00001E5	Certificate no. (cULus)	E141197	

#### **Connection data**

Wire connection method	Tension-clamp connection	Stripping length, rated connection	8 mm
Clamping range, rated connection	1.5 mm <sup>2</sup>	Clamping range, min.	0.14 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 14	Wire cross-section, solid, min.	0.14 mm <sup>2</sup>
Wire cross-section, solid, max.	2.5 mm <sup>2</sup>	Wire cross-section, solid, min. (AWG)	AWG 26
Wire cross-section, solid, max. (AWG)	AWG 14	Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire cross-section, finely stranded, min. (AWG)	AWG 26
Wire cross-section, finely stranded, max (AWG)	. AWG 14	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>	Blade size	0.6 x 3.5 mm

#### Classifications

ETIM 6.0	EC001504	ETIM 7.0	EC001504
ETIM 8.0	EC001504	ETIM 9.0	EC001504
ETIM 10.0	EC001504	ECLASS 9.0	27-37-16-04
ECLASS 9.1	27-37-16-04	ECLASS 10.0	27-37-16-04
ECLASS 11.0	27-37-16-04	ECLASS 12.0	27-37-16-04
ECLASS 13.0	27-37-16-04	ECLASS 14.0	27-37-16-04
ECLASS 15.0	27-37-16-04		

Creation date 20.11.2025 05:49:43 MEZ



Drawinge

## **TOZ 24-230VUC 24VDC2A**



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Drawings	
Wiring diagram	Dimensional drawing





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

**Drawings** 

Miscellaneous

Type codes



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Accessories

#### **Partition plate**

Versatile separation plates

Separation plates can be used to group together signals visually, to electrically

isolate modules and to insert markings for a better overview. This makes

them a particularly versatile accessory. Separation plates increase the

clearance and creepage distances between two modules, thus increasing

the rated insulation voltage between two modules to up to 600 V. Double

separation plates can be marked with WAD5 or WS10/5 markers and

enable continuous cross-connections. Installation is made easier with the

perforations to individually break out the cross-connection channels.

- Partition plates visually separates groups from each other
- Indentations for individual breaking out the crossconnection channels
- Partition plates isolates between two modules by increasing the clearance and creepage distances of up to 600 V

#### **General ordering data**

Type TW TXS/TXZ R3.2

Order No. 1240800000

GTIN (EAN) 4050118028188

Qty. 10 ST

Version

TERMSERIES, Partition plate

#### **Supply module**

Space-saving supply modules

Our supply terminals enable potentials to be fed at the input – e.g.

neutral or minus potentials – or switched potentials to be fed at the output. In

conjunction with precisely fitting cross-connections from the TEMRSERIES,

the connections for the cables on the relay module remain free for actuators

or sensors. No additional feed-through terminal blocks are required, resulting

in huge space savings in the panel. At the same time, the wiring is simplified

as no double wire-end ferrules are required for the potential feed.

#### **General ordering data**

Type TXP SUPPLY
Order No. 2618940000
GTIN (EAN) 4050118667592
Qty. 10 ST

Version

TERMSERIES, Supply module, Number of contacts: 5, , Continuous

current: 10 A, PUSH IN

Creation date 20.11.2025 05:49:43 MEZ





#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Accessories**

Type	TXS SUPPLY	Version
Order No.	1240780000	TERMSERIES, Supply module, Number of contacts: 5, , Continuous
GTIN (EAN)	4050118028140	current: 10 A, Screw connection
Qty.	10 ST	
Туре	TXZ SUPPLY	Version
Type Order No.	TXZ SUPPLY 1240790000	Version TERMSERIES, Supply module, Number of contacts: 5, , Continuous

#### **Blank**

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- · Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

#### **General ordering data**

Type	WS 10/6 M MC NE WS	Version
Order No.	<u>1818400000</u>	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248310876	Allen-Bradley, white
Qty.	600 ST	

#### ZQV

#### **General ordering data**

Туре	ZQV 1.5N/R6.4/2 GE	Version
Order No.	<u>1193670000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4032248976638	
Qty.	10 ST	
Туре	ZQV 1.5N/R6.4/10 GE	Version
Type Order No.	ZQV 1.5N/R6.4/10 GE 1193680000	Version TERMSERIES, Cross-connector
	, ,	

Creation date 20.11.2025 05:49:43 MEZ



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Accessories**

Туре	ZQV 1.5N/R6.4/19 GE	Version
Order No.	1193690000	TERMSERIES, Cross-connector
GTIN (EAN)	4032248976645	
Qty.	10 ST	
Туре	ZQV 1.5N/R6.4/2 BL	Version
Order No.	1446140000	TERMSERIES, Cross-connector
GTIN (EAN)	4050118251074	
Qty.	10 ST	
Туре	ZQV 1.5N/R6.4/10 BL	Version
Order No.	1390350000	TERMSERIES, Cross-connector
GTIN (EAN)	4050118190793	
Qty.	10 ST	
Туре	ZQV 1.5N/R6.4/19 BL	Version
Order No.	<u>1391620000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118191813	
Qty.	10 ST	
Туре	ZQV 1.5N/R6.4/2 RT	Version
Order No.	1446090000	TERMSERIES, Cross-connector
GTIN (EAN)	4050118250886	
Qty.	10 ST	
Туре	ZQV 1.5N/R6.4/10 RT	Version
Type Order No.	ZQV 1.5N/R6.4/10 RT 1391640000	Version TERMSERIES, Cross-connector
Order No.	1391640000	
Order No. GTIN (EAN)	1391640000 4050118191660	
Order No. GTIN (EAN) Qty.	1391640000 4050118191660 10 ST	TERMSERIES, Cross-connector
Order No. GTIN (EAN) Oty. Type	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT	TERMSERIES, Cross-connector  Version
Order No. GTIN (EAN) Qty. Type Order No.	1391640000 4050118191660 10 ST ZQV 1.5N/R6.4/19 RT 1391610000	TERMSERIES, Cross-connector  Version
Order No. GTIN (EAN) Oty.  Type Order No. GTIN (EAN)	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783	TERMSERIES, Cross-connector  Version
Order No. GTIN (EAN) Oty. Type Order No. GTIN (EAN) Oty.	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST	Version TERMSERIES, Cross-connector
Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type	1391640000 4050118191660 10 ST ZQV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZQV 1.5N/R6.4/2 SW	Version TERMSERIES, Cross-connector  Version Version
Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type Order No.	1391640000 4050118191660 10 ST ZQV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZQV 1.5N/R6.4/2 SW 1446040000	Version TERMSERIES, Cross-connector  Version Version
Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN)	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZOV 1.5N/R6.4/2 SW 1446040000 4050118251067	Version TERMSERIES, Cross-connector  Version Version
Order No. GTIN (EAN) Qty.  Type Order No. GTIN (EAN) Qty.  Type Order No. GTIN (EAN) Qty.  GTIN (EAN)	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZOV 1.5N/R6.4/2 SW 1446040000 4050118251067 10 ST	Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  TERMSERIES, Cross-connector
Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZOV 1.5N/R6.4/2 SW 1446040000 4050118251067 10 ST ZOV 1.5N/R6.4/10 SW	Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector
Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN)	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZOV 1.5N/R6.4/2 SW 1446040000 4050118251067 10 ST ZOV 1.5N/R6.4/10 SW 1391630000	Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector
Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN)	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZOV 1.5N/R6.4/2 SW 1446040000 4050118251067 10 ST ZOV 1.5N/R6.4/10 SW 1391630000 4050118191776	Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector
Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN) Qty.	1391640000 4050118191660 10 ST ZQV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZQV 1.5N/R6.4/2 SW 1446040000 4050118251067 10 ST ZQV 1.5N/R6.4/10 SW 1391630000 4050118191776 10 ST	Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector
Order No. GTIN (EAN) Qty. Type	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZOV 1.5N/R6.4/2 SW 1446040000 4050118251067 10 ST ZOV 1.5N/R6.4/10 SW 1391630000 4050118191776 10 ST ZOV 1.5N/R6.4/19 SW	Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector
Order No. GTIN (EAN) Qty. Type Order No. GTIN (EAN)	1391640000 4050118191660 10 ST ZOV 1.5N/R6.4/19 RT 1391610000 4050118191783 10 ST ZOV 1.5N/R6.4/2 SW 1446040000 4050118251067 10 ST ZOV 1.5N/R6.4/10 SW 1391630000 4050118191776 10 ST ZOV 1.5N/R6.4/19 SW 1391600000	Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector  Version TERMSERIES, Cross-connector

#### **Slotted screwdriver**

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Accessories**

#### **General ordering data**

Type	SDS 0.6X3.5X100	Version
Order No.	2749340000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118895568	thickness (A): 0.6 mm
Qty.	1 ST	
Туре	SDIS SLIM 0.6X3.5X100	Version
Type Order No.	SDIS SLIM 0.6X3.5X100 2749610000	Version  Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade

#### Angled slotted screwdriver

#### **General ordering data**

Туре	SD TO 0,6X3,0	Version
Order No.	<u>2749560000</u>	Screwdriver, Blade width (B): 3 mm, Blade length: 70 mm, Blade
GTIN (EAN)	4050118895889	thickness (A): 0.6 mm
Qty.	1 ST	

#### **Cross-connections**

Adjustable cross-connections

Increase the flexibility of your cross-connections. The TERMSERIES CROSS-CONNECTION (TCC) enables individually adjustable cross-connections with up to 51 poles. The maximum number of pluggable poles has been increased to 32 poles. The strip material can be shortened to the required length very easily. The cross-connectors convince thanks to their easy handling and visibility as well as their universal connection possibilities. An additional web prevents the spring from deforming during assembly.

- Individually adjustable cross-connection with 51 poles
- Additional bar to avoid deformation of the spring
- Increased cross-connection up to 32 poles possible
- Vibration resistance

#### **General ordering data**

Туре	TCC 6.4/51 RD	Version
Order No.	<u>2556410000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566925	
Otv	10 ST	

# Weidmüller **₹**

## **TOZ 24-230VUC 24VDC2A**

#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# Accessories

_	T00.0.4 /54.05	v ·
Туре	TCC 6.4/51 OR	Version
Order No.	<u>2556370000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566680	
Qty.	10 ST	
Туре	TCC 6.4/51 BL	Version
Order No.	<u>2556450000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566963	
Qty.	10 ST	
Type	TCC 6.4/51 BK	Version
Order No.	<u>2556490000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118567007	
Qty.	10 ST	
Туре	TCC 6.4/2 OR	Version
Order No.	<u>2556350000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566826	
Qty.	10 ST	
Туре	TCC 6.4/2 BL	Version
Order No.	2556430000	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566949	
Qty.	10 ST	
Туре	TCC 6.4/2 BK	Version
Order No.	<u>2556470000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566987	
Qty.	10 ST	
Туре	TCC 6.4/10 RD	Version
Order No.	<u>2556400000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566918	
Qty.	10 ST	
Туре	TCC 6.4/10 OR	Version
Order No.	<u>2556360000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566673	
Qty.	10 ST	
Туре	TCC 6.4/10 BL	Version
Order No.	<u>2556440000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566956	
Qty.	10 ST	
Туре	TCC 6.4/10 BK	Version
Order No.	<u>2556480000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566994	
Qty.	10 ST	
Туре	TCC 12.8/26 RD	Version
Order No.	2556420000	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566932	
Qty.	10 ST	
Туре	TCC 12.8/26 OR	Version
Order No.	<u>2556380000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566697	
Qty.	10 ST	
Туре	TCC 12.8/26 BL	Version
Order No.	<u>2556460000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118566970	
Qty.	10 ST	
	-	





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Accessories**

Type	TCC 12.8/26 BK	Version
Order No.	<u>2556500000</u>	TERMSERIES, Cross-connector
GTIN (EAN)	4050118567014	
Qty.	10 ST	
Туре	TCC 6.4/2 RD	Version
Type Order No.	TCC 6.4/2 RD 2556390000	Version TERMSERIES, Cross-connector
	,	

#### Interface adapters

Faster signal wiring with less space

To reduce wiring times, pre-assembled cables are used between the control system and the interface level and are simply connected to the TERMSERIES adapter. This enables throughput times in electrical cabinet building to be significantly reduced. The adapter has a universal fit and offers a genuine space advantage in interaction with the TERMSERIES products with identical contours.

 Reduced wiring time due to plug-and-play concept with pre-assembled cables

11

- Can be applied to the input and output sides of the TERMSERIES
- Ready for plus and minus switching logic
- High space-saving due to universal fit to other TERMSERIES products

#### **General ordering data**

Туре	TIA F10	Version
Order No.	1463520000	TERMSERIES, Adapter, 10-pole plug according to DIN EN 60603-13,
GTIN (EAN)	4050118323535	long locking lever, Number of signal paths: 8, Rated voltage DC: 24 V,
Qty.	1 ST	Rated current (per signal path): 125 mA
Туре	TIA SUBD 15S	Version
Order No.	<u>1463530000</u>	TERMSERIES, Adapter, Sub-D, 15-pole, DIN 41652 / IEC 60807,
GTIN (EAN)	4050118323542	Number of signal paths: 8, Rated voltage DC : 24 V, Rated current (per
Qty.	1 ST	signal path): 125 mA
Туре	TIAL F20	Version
Order No.	<u>1463550000</u>	TERMSERIES, Adapter, 20-pole plug according to DIN EN 60603-13,
GTIN (EAN)	4050118331783	long locking lever, Number of signal paths: 16, Rated voltage DC: 24
Qty.	1 ST	V, Rated current (per signal path): 60 mA