

## PWR173024L

Weidmüller Interface GmbH &amp; Co. KG

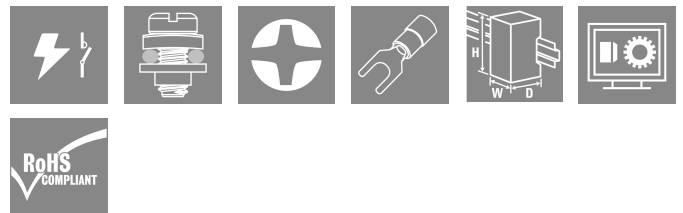
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Product image



Our small industrial contactors of the PWR are particularly suitable for switching larger load currents.

- 1 NO contact (30 A) and 2 NO contacts (25 A)
- AgSnO Contact material
- Double contact to increase contact opening
- Direct mounting on DIN rail TS35
- With integrated status LED

## General ordering data

Version	D-SERIES PWR, Relay module, Number of contacts: 1, NO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 30 A, Screw connection, Test button available: No
Order No.	<a href="#">1219480000</a>
Type	PWR173024L
GTIN (EAN)	4032248998937
Qty.	10 items

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E312083

## Dimensions and weights

Depth	55 mm	Depth (inches)	2.1654 inch
Height	34 mm	Height (inches)	1.3386 inch
Width	50.5 mm	Width (inches)	1.9882 inch
Net weight	100.6 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-25 °C...55 °C
Operating temperature		Humidity	35...85 % rel. humidity, no condensation

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Rated data UL

Certificate No. (cURus)	E312083
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## Control side

Rated control voltage	24 V DC	Rated current DC	79.2 mA
Power rating	1.9 W	Coil resistance	303 Ω ± 10 %
Status indicator	Green LED		

## Load side

Rated switching voltage	277 V AC	Continuous current	30 A
Max. switching frequency at rated load	0.1 Hz	Inrush current	150 A / 50 ms
AC switching capacity (resistive), max.	8300 VA	DC switching capacity (resistive), max.	720 W @ 24 V
Switch-on delay	<20 ms	Switch-off delay	<10 ms
Contact type	1 NO contact (AgSnO)	Min. switching power	100 mA @ 12 V

## General data

Mounting rail	TS 35	
Test button available	No	
Mechanical switch position indicator	No	
Colour	beige	
UL94 flammability rating component	Component	Relay test button
	UL94 flammability rating	HB
	Component	Relay status indicator
	UL94 flammability rating	HB
	Component	Relay baseplate

## Technical data

UL94 flammability rating	V-0
Component	Relay cover
UL94 flammability rating	V-2

### Insulation coordination

Rated voltage	250 V	Pollution severity	3
Surge voltage category	III	Insulating material group	IIIa
Clearance and creepage distances for control side - load side	≥ 5.5 mm	Dielectric strength for control side - load side	4 kVeff / 1 min
Dielectric strength of open contact	2 kVeff / 1 min	Impulse withstand voltage	6 kV (1.2/50 µs)
Protection degree	IP10		

### Further details of approvals / standards

Certificate No. (cURus)	E312083
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### Connection data (control side)

Wire connection method (control side)	Screw connection	Min. rated connection clamping range (control side)	0.5 mm <sup>2</sup>
Max. rated connection clamping range (control side)	2.5 mm <sup>2</sup>	Min. tightening torque (control side)	0.5 Nm
Max. tightening torque (control side)	1.2 Nm	Blade size (control side)	Gr. PH2

### Connection data (load side)

Wire connection method (load side)	Screw connection	Min. rated connection clamping range (load side)	0.5 mm <sup>2</sup>
Max. rated connection clamping range (load side)	4 mm <sup>2</sup>	Min. tightening torque (load side)	0.5 Nm
Max. tightening torque (load side)	1.2 Nm	Blade size (load side)	Gr. PH2

### Connection data

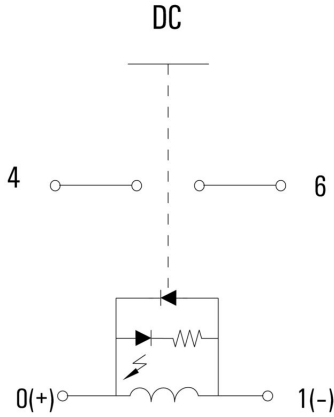
Wire connection method	Screw connection
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### Classifications

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Drawings

Wiring diagram

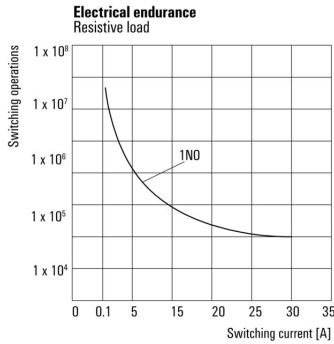


Graph



DC load limit curve Resistive load

Graph



Electrical service life Resistive load

Graph

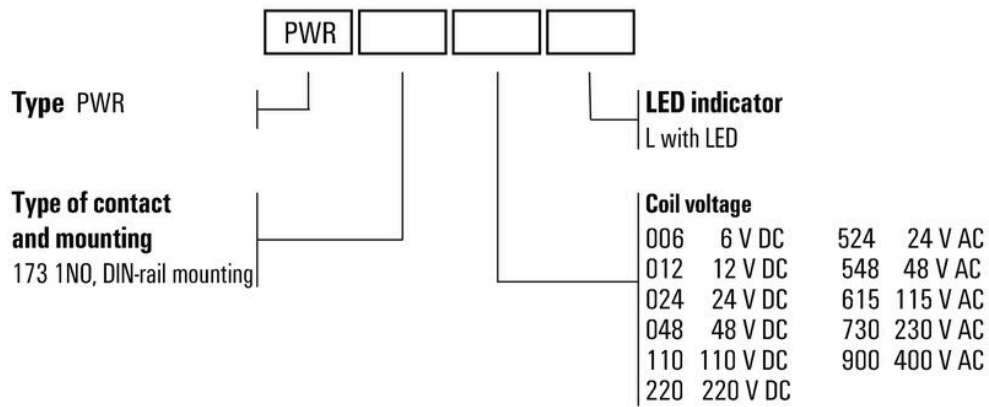


DC operational voltage range

Dimensional drawing



**Miscellaneous**



Type codes