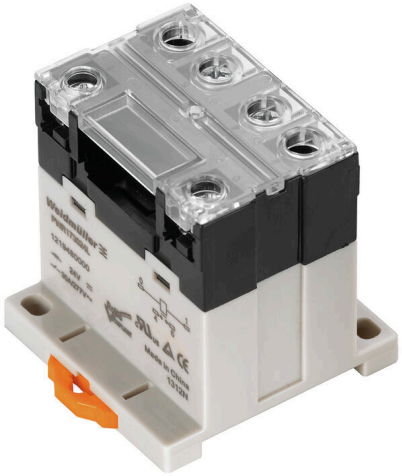
Data sheet

PWR276110L

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



Similar to illustration



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: 2, NO contact AgSnO, Rated control voltage: 110 V DC, Continuous current: 25 A, Screw connection, Test button available: No
Order No.	1219570000
Type	PWR276110L
GTIN (EAN)	4032248999064
Qty.	10 items

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Data sheet

PWR276110L

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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	120 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

Control side

Rated control voltage	110 V DC	Rated current DC	17.3 mA
Power rating	1.9 W	Coil resistance	6360 Ω ± 10 %
Status indicator	Green LED		

Load side

Rated switching voltage	277 V AC	Continuous current	25 A
Max. switching frequency at rated load	0.1 Hz	Inrush current	120 A / 50 ms
AC switching capacity (resistive), max.	6900 VA	DC switching capacity (resistive), max.	600 W @ 24 V
Switch-on delay	<30 ms	Switch-off delay	<30 ms
Contact type	2 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

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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 neighbouring contacts	2 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

Connection data (control side)

Wire connection method (control side)	Screw connection	Min. rated connection clamping range (control side)	0.5 mm²
Max. rated connection clamping range (control side)	2.5 mm²	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 mm²
Max. rated connection clamping range (load side)	4 mm²	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

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		

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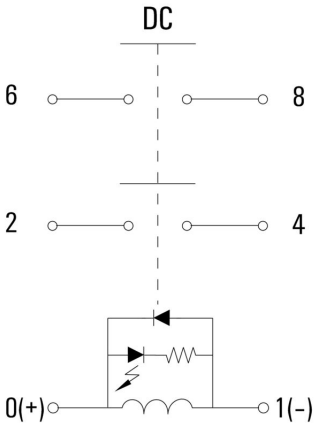
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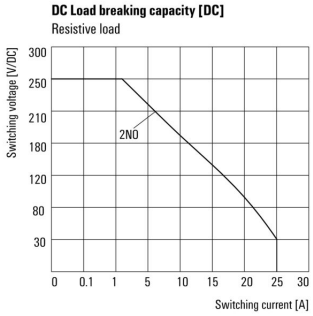
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Drawings

Wiring diagram

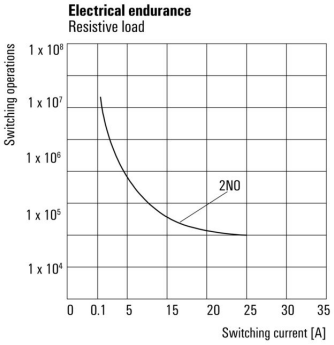


Graph



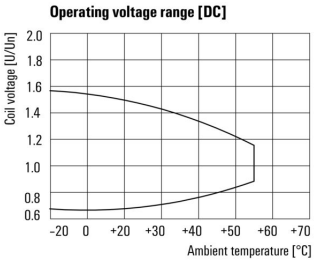
DC load limit curve Resistive load

Graph



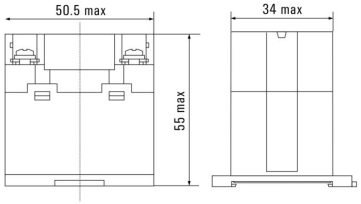
Electrical service life Resistive load

Graph



DC operational voltage range

Dimensional drawing



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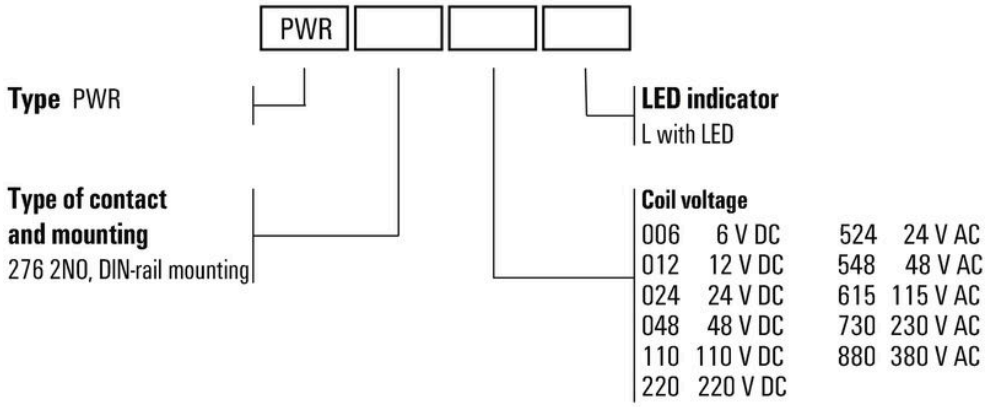
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Drawings

Miscellaneous



Type codes

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