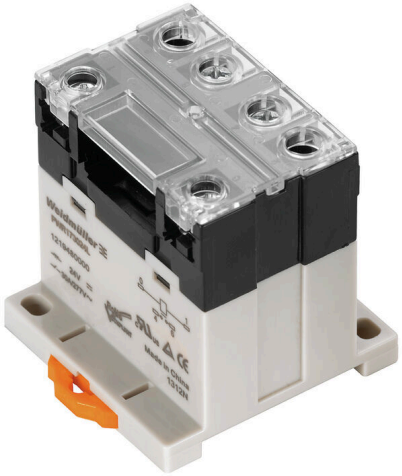
Data sheet

PWR173730L

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: 1, NO contact AgSnO, Rated control voltage: 230 V AC, Continuous current: 30 A, Screw connection, Test button available: No
Order No.	1219140000
Type	PWR173730L
GTIN (EAN)	4032248999002
Qty.	10 items

Data sheet

PWR173730L

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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	119.3 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	230 V AC	Rated current AC	11 mA
Power rating	2.5 VA	Coil resistance	21000 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	Max. switching voltage, AC	250 V
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

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Technical data

Component	Relay baseplate
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

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		

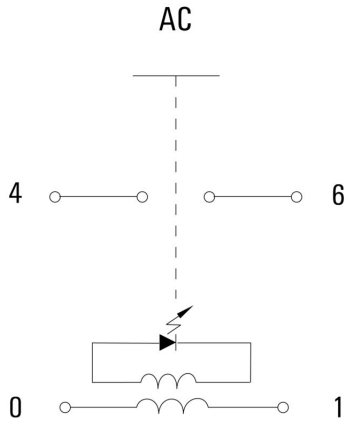
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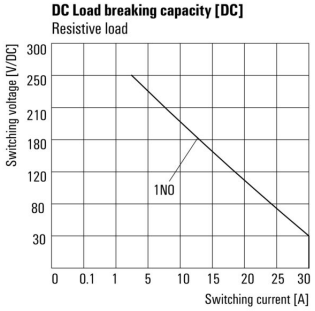
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Drawings

Wiring diagram

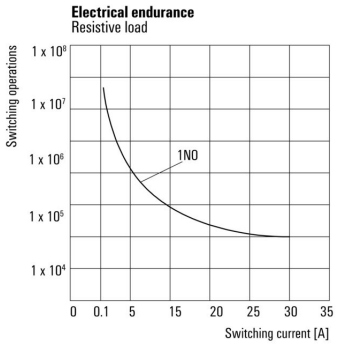


Graph



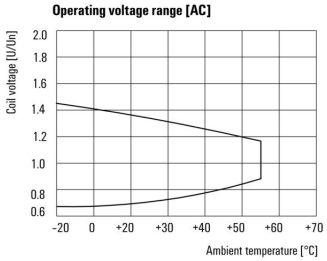
DC load limit curve Resistive load

Graph



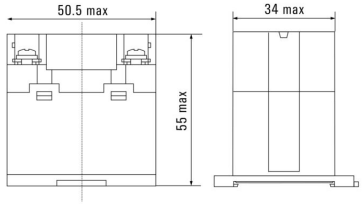
Electrical service life Resistive load

Graph



AC operational voltage range

Dimensional drawing

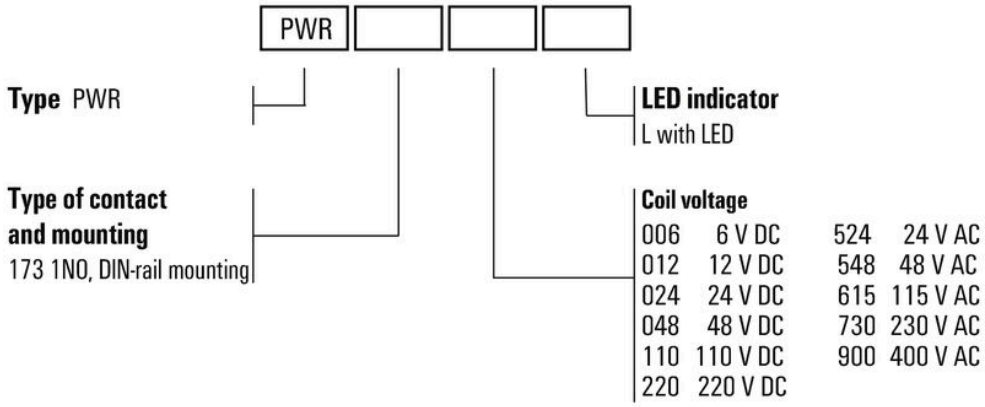


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Drawings

Miscellaneous



Type codes