

PWR173048L**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: 48 V DC, Continuous current: 30 A, Test button available: No
Order No.	1219490000
Type	PWR173048L
GTIN (EAN)	4032248998944
Qty.	10 pc(s).

Creation date August 31, 2022 2:49:49 PM CEST

Catalogue status 26.08.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	55 mm	Depth (inches)	2.165 inch
Height	34 mm	Height (inches)	1.339 inch
Width	50.5 mm	Width (inches)	1.988 inch
Net weight	120 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E312083
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Control side

Rated control voltage	48 V DC	Rated current DC	39.3 mA
Power rating	1.9 W	Pull-in/drop-out voltage, typ.	36 V / 7.2 V DC
Coil resistance	1220 $\Omega \pm 10\%$	Coil tolerance	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

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

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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 kV _{eff} / 1 min
Dielectric strength of open contact	2 kV _{eff} / 1 min	Impulse withstand voltage	6 kV (1.2/50 µs)
Protection degree	IP10		

Further details of approvals / standards

Standards	IEC 61810-1, EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011, UL 508	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 ²
Max. rated connection clamping range (control side)	2.5 mm ²	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 ²
Max. rated connection clamping range (load side)	4 mm ²	Min. tightening torque (load side)	0.5 Nm
Max. tightening torque (load side)	1.2 Nm	Blade size (load side)	Gr. PH2

Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E312083

Downloads

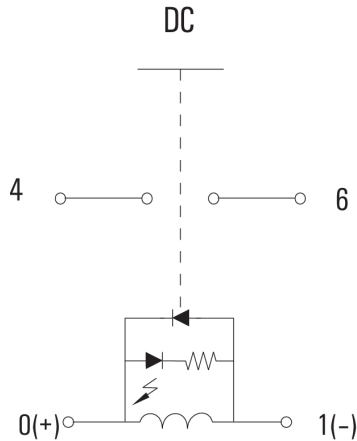
Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	

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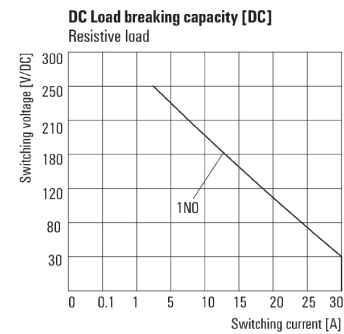
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Drawings

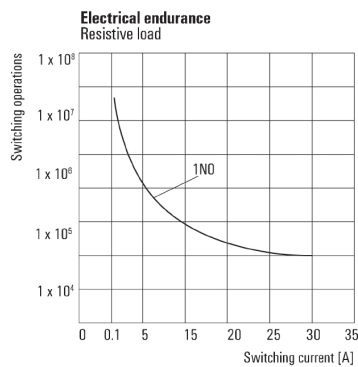
Wiring diagram



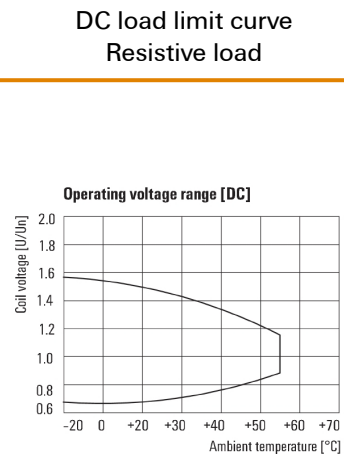
Graph



Graph



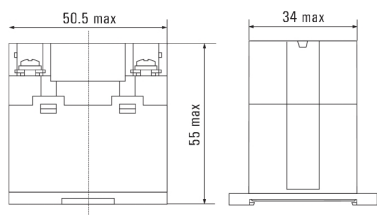
Graph



Electrical service life
Resistive load

DC operational voltage range

Dimensional drawing

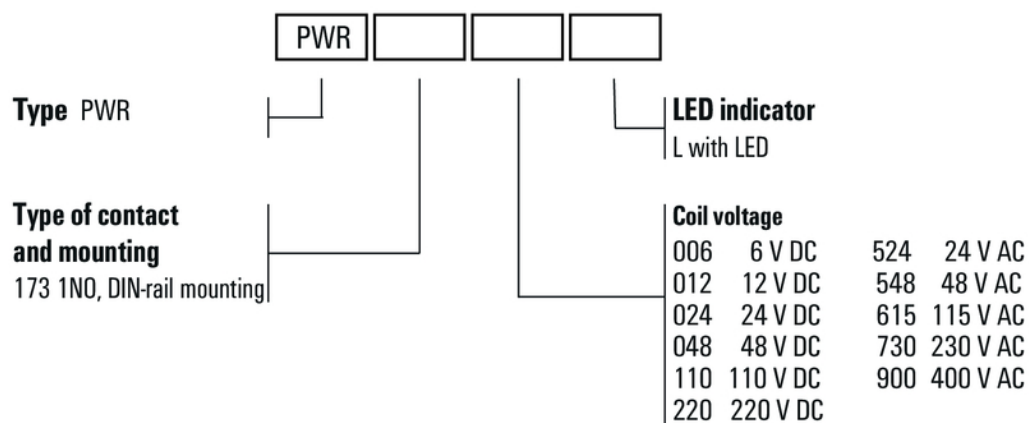


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Type codes