

**D-SERIES**  
**PWR173110L**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



Relay from the D-SERIES PWR.

- 1 or 2 NO contact(s)
- Dual contact with series connected contacts
- Max. load current 1 NO: 30 A / 2 NO: 25 A
- Wide range of coil voltages
- Suitable for mounting directly on DIN rail
- With integrated status display

**General ordering data**

Type	PWR173110L
Order No.	<a href="#">1219510000</a>
Version	D-SERIES, Relays, No. of contacts: 1, NO contact, AgNi, Rated control voltage: 110 V DC, Continuous current: 30 A
GTIN (EAN)	403224899895 1
Qty.	10 pc(s).

**D-SERIES  
PWR173110L**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technical data**
**Dimensions and weights**

Width	50.5 mm	Height	34 mm
Depth	55 mm	Net weight	120 g

**Temperatures**

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

**Input**

Coil resistance	6360 Ω ± 10 %	Rated control voltage	110 V DC
Rated current DC	17.3 mA	Power rating	1.9 W
Pull-inrop-out voltage, typ.	82.5 V / 16.5 V DC		

**Output**

Rated switching voltage	277 V AC	Max. switching voltage, AC	277 V
Continuous current	30 A	AC switching capacity (resistive), max.	8300 VA @ 277 V
DC switching capacity (resistive), max.	720 W @ 24 V	Switch-on delay	< 20 ms
Switch-off delay	< 10 ms	Min. switching power	12 V / 100 mA

**Contact data**

No. of contacts	1	Contact design	NO contact
Contact material	AgNi	Contact resistance	≤ 50 mΩ

**General data**

Humidity	35...85 % rel. humidity, no condensation
----------	--

**Insulation coordination**

Dielectric strength input – output	2 kV <sub>eff</sub> / 1 min	Dielectric strength, contact contact	4 kV <sub>eff</sub> / 1 min
Rated voltage	250 V	Pollution severity	3
Surge voltage category	III		

**Further details of approvals / standards**

Certificate No. (cURus)	E312083
-------------------------	---------

**Connection data (input)**

Max. rated connection clamping range (control side)	2.5 mm <sup>2</sup>	Max. tightening torque (control side)	1.2 Nm
Min. rated connection clamping range (control side)	0.5 mm <sup>2</sup>	Min. tightening torque (control side)	0.8 Nm
Wire connection method (control side)	Screw connection		

**Data sheet****D-SERIES**  
**PWR173110L****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Technical data****Connection data (output)**

Max. rated connection clamping range (load side)	4 mm <sup>2</sup>	Max. tightening torque (load side)	1.37 Nm
Min. rated connection clamping range (load side)	0.5 mm <sup>2</sup>	Min. tightening torque (load side)	1 Nm
Wire connection method (load side)	Screw connection		

**Classifications**

eClass 6.2                          27-37-16-01

**Approvals**

Approvals

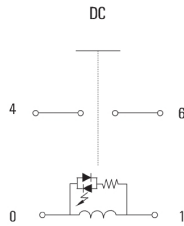
**Downloads**Declaration of Conformity            [K550\\_10\\_13.pdf](#)

**D-SERIES  
PWR173110L**

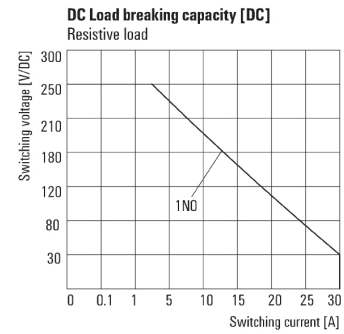
**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Drawings**

**Wiring diagram**

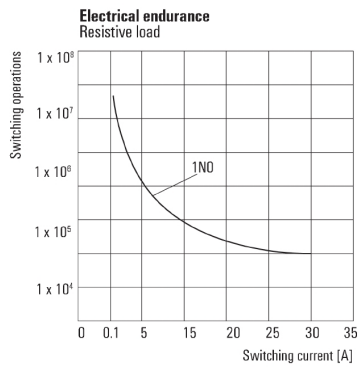


**DC load limit curve**



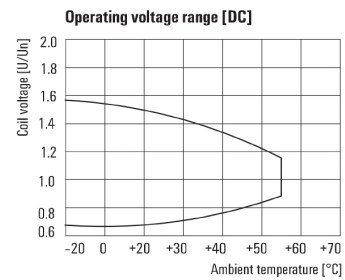
Resistive load

**Electrical service life**

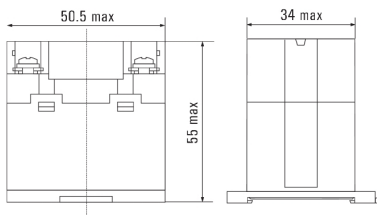


Resistive load

**DC operational voltage range**



**Dimensioned drawing**



**Data sheet**

**D-SERIES  
PWR173110L**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Drawings**

**Type codes**

<b>Type code</b>	PWR				
Type	PWR				
Type of construction and mounting	173 1N.O. contact, DIN-rail mounting				
Coil voltage	006	6 V DC	524	24 V AC	
	012	12 V DC	548	48 V AC	
	024	24 V DC	615	115 V AC	
	048	48 V DC	730	230 V AC	
	110	110 V DC	880	380 V AC	
	220	220 V DC			
LED indicator	L with LED				

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Industrial Relays](#) category:*

*Click to view products by [Weidmuller](#) manufacturer:*

Other Similar products are found below :

[6-1618400-7](#) [686-117111](#) [686-120111](#) [EV250-4A-02](#) [EV250-6A-01](#) [FCA-125-CX8](#) [FCA-410-138](#) [8-1618393-1](#) [GCA32A208VAC60HZ](#)  
[GCA32A220VAC50/60HZ](#) [GCA32A230VAC50/60HZ](#) [GCA32A240VAC50/60HZ](#) [GCA32A48VAC60HZ](#) [GCA63A120VAC50/60HZ](#)  
[GCA63A208VAC60HZ](#) [GCA63A220VAC60HZ](#) [GCA63A230VAC50/60HZ](#) [GCA63A240VAC50/60HZ](#) [GCA63A277VAC60HZ](#)  
[GCA63A48VAC60HZ](#) [GCA63A500VAC50/60HZ](#) [GCA63A600VAC60HZ](#) [GCA800A200VACDC](#) [GCA95A110VAC50/60HZ](#)  
[GCA95A120VAC50/60HZ](#) [GCA95A12VDC](#) [GCA95A240VAC50/60HZ](#) [GCA95A24VAC50/60HZ](#) [GCA95A48VAC60HZ](#) [ACC530U20](#)  
[ACC730U30](#) [1395832-1](#) [RM699BV-3011-85-1005](#) [RMIA210230AC](#) [RMIA45024AC](#) [1423675-8](#) [B07B032AC1-0329](#) [B329](#) [1617807-1](#)  
[N417](#) [P25-E5019-1](#) [P30C42A12D1-120](#) [2-1618398-1](#) [PBO-18A1218](#) [2307497](#) [RPYA00324LT](#) [RPYA003A120LT](#) [KR-4539-1](#)  
[RT334012WG](#) [S160156115](#)