

DIN rail mount transformer, IP20



Type PDS

Compact single-phase safety isolating transformer for 35mm DIN-rail mounting. Designed and tested according to norm EN61558-2-6. Separate windings. Insulation class II, double isolated. CE approved. Short circuit and overload protected with built in PTC fuse. The transformer is capsulated in plastic. Easy "snap on" mounting on 35mm DIN-rail. PDS10 and PDS24 are designed with two 12V secondaries in series. PDS40 and PDS63 are designed with two separate 12V secondaries for parallel- (12V) or series- (24V) connection.

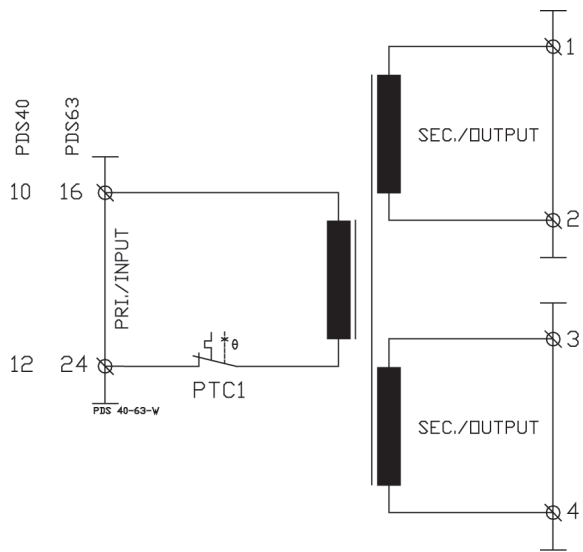
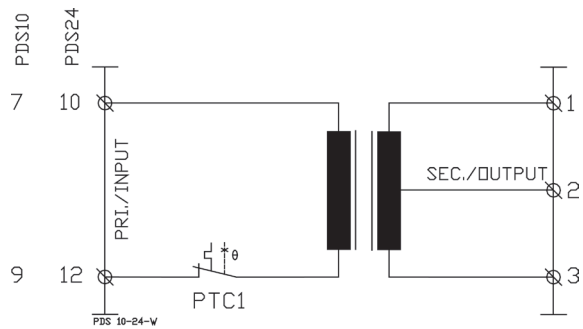
Applications:

Designed for SELV-installation which require safety isolating transformer approved according to the CE directives. Typical alarms and automatic remote controls. PDS are designed to fit module mounting.

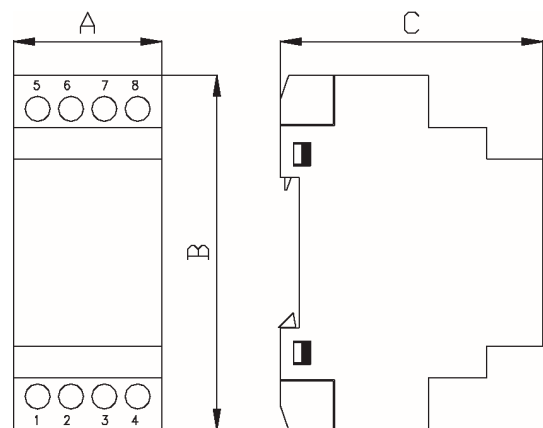
Technical specifications

- Input voltage: 230V
- Frequency: 47-63Hz
- Output voltage: 12V / 24V
- According to: EN61558-2-6
- Test/insulating voltage: 4kV AC RMS
- Construction class: II
- Insulation class: E (120°C) / B (130°C)
- Ambient temp. (t_a): 40°C
- Degree of protection: IP20

Wiring diagram



Dimensions



P1_fig10

Type	Voltage Sec. (V)	Current Sec. (A)	Power (VA)	Fuse (A)	Dimensions AxBxC (mm)	Weight (Kg)	Art. no.
230/12V or 230/24V							
PDS10-21224-M2P	12-0-12	0,41	10	PTC	35,5x90x62	0,4	B-091-102124
PDS24-21224-M3P	12-0-12	1,0	24	PTC	54x90x62	0,6	B-091-242124
PDS40-21224-M3P	12 / 24	3,33 / 1,66	40	PTC	54x90x62	0,8	B-091-402124
PDS63-21224-M6P	12 / 24	5,25 / 2,62	63	PTC	106x90x62	1,3	B-091-632124