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 I2V secondaries in series. PDS40 and PDS63 are designed with two separate I2V secondaries for parallel- (I2V) 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: I2V / 24V

• According to: EN61558-2-6

Test/insulating voltage: 4kV AC RMS

Construction class:

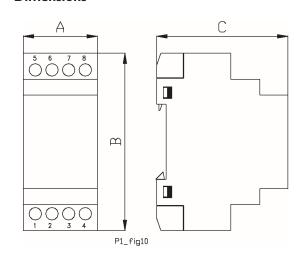
Insulation class:
 E (120°C) / B (130°C)

• Ambient temp. (t_a) : 40°C

Degree of protection: IP20

Wiring diagram 10 10 SEC./DUTPUT 10 16 SEC./DUTPUT 10 16 SEC./DUTPUT 11 SEC./DUTPUT 12 24 PTC1 12 24 PTC1 13 SEC./DUTPUT 14 SEC./DUTPUT 15 SEC./DUTPUT 16 SEC./DUTPUT 17 SEC./DUTPUT 18 SEC./DUTPUT

Dimensions



Туре	Voltage Sec. (V)	Current Sec. (A)	Power (VA)	Fuse (A)	Dimensions AxBxC (mm)	Weight (Kg)	Art. no.
230/12 V or 230/24 V							
PDS10-21224-M2P	12-0-12	0,41	10	PTC	35,5×90×66	0,4	B-091-102124
PDS24-21224-M3P	12-0-12	1,0	24	PTC	54×90×62	0,6	B-091-242124
PDS40-21224-M3P	12 / 24	3,33 / 1,66	40	PTC	54×90×62	0,8	B-091-402124
PDS63-21224-M6P	12 / 24	5,25 / 2,62	63	PTC	106×90×62	1,3	B-091-632124

