

SINGLE-PHASE OPEN-TYPE VARIABLE AUTOTRANSFORMERS FOR PANEL MOUNTING FROM 1A TO 60A

Open-type single-phase (1ph) range of variable autotransformers for panel mounting from 1A to 60A (motorised versions from 4A to 60A).

Standard input 240V 50 Hz; output 0...270V 50 Hz 1ph.

High efficiency with no output voltage distortion.

Ambient temperature rating up to 45 °C.

Long life, high quality wiper design.



*Stock items

6F-1

A comprehensive range of single-phase (1ph) variable autotransformers covering ratings from 1A to 60A. Used for the variable control of voltages from 0V up to 270V 1ph with low power losses. Units are open-type with the option of double wound transformers to give total isolation. The units can also be supplied to give a variable DC output via a bridge rectifier. Larger units can be supplied by paralleling two or more stacked versions. All types can be fully protected from overload and short circuits. They can also be fitted with full metering if required. The unique silver or nickel plated wiper path design gives high reliability and long life. All windings are wound on high quality, low loss toroidal cores, giving efficiencies up to 98%.

Reference	Description	Input Voltage	Output Voltage	Output Current	Maximum VA Rating	L (mm)	W (mm)	H (mm)	Shaft diam. (mm)	Shaft L (mm)	Weight (kg)
RAVI 1F-1	For panel mounting 1ph	240V	0...270V	1A	270VA	85.0	105.0	100.0	4.0	25.0	1.6
RAVI 2F-1*	For panel mounting 1ph	240V	0...270V	2A	540VA	110.0	140.0	125.0	7.5	31.0	2.9
RAVI 3F-1	For panel mounting 1ph	240V	0...270V	3A	810VA	110.0	140.0	135.0	7.5	31.0	3.3
RAVI 4F-1	For panel mounting 1ph	240V	0...270V	4A	1.08kVA	175.0	195.0	150.0	10.0	41.0	5.9
RAVI 6F-1*	For panel mounting 1ph	240V	0...270V	6A	1.62kVA	175.0	195.0	165.0	10.0	41.0	6.8
RAVI 8F-1	For panel mounting 1ph	240V	0...270V	8A	2.16kVA	175.0	195.0	175.0	10.0	41.0	8.0
RAVI 10F-1*	For panel mounting 1ph	240V	0...270V	10A	2.70kVA	175.0	195.0	185.0	10.0	41.0	9.0
RAVI 15F-1	For panel mounting 1ph	240V	0...270V	15A	4.05kVA	200.0	250.0	180.0	10.0	41.0	13.5
RAVI 20F-1*	For panel mounting 1ph	240V	0...270V	20A	5.40kVA	200.0	250.0	190.0	10.0	41.0	15.0
RAVI 28F-1*	For panel mounting 1ph	240V	0...270V	28A	7.56kVA	295.0	325.0	230.0	10.0	41.0	22.0
RAVI 40F-1	For panel mounting 1ph	240V	0...270V	40A	10.80kVA	418.0	333.0	340.0	15.8	122.0	30.0
RAVI 50F-1	For panel mounting 1ph	240V	0...270V	50A	13.50kVA	418.0	333.0	340.0	15.8	116.0	31.0
RAVI 60F-1	For panel mounting 1ph	240V	0...270V	60A	16.20kVA	418.0	333.0	340.0	15.8	101.0	32.0

A comprehensive range of single-phase (1ph) motorised variable autotransformers covering ratings from 4A to 60A. Used for the variable control of voltages from 0V up to 270V 1ph with low power losses. Units are open-type with the option of double wound transformers to give total isolation. The units can also be supplied to give a variable DC output via a bridge rectifier. Larger units can be supplied by paralleling two or more stacked versions. All types can be fully protected from overload and short circuits. They can also be fitted with full metering if required. The unique silver or nickel plated wiper path design gives high reliability and long life. All windings are wound on high quality, low loss toroidal cores, giving efficiencies up to 98%.

Reference	Description	Input Voltage	Output Voltage	Output Current	Maximum VA Rating	L (mm)	W (mm)	H (mm)	Shaft diam. (mm)	Weight (kg)
RAVI 4FM-1	For panel mounting 1ph	240V	0...270V	4A	1.08kVA	230.0	210.0	255.0	9.5	7.8
RAVI 6FM-1	For panel mounting 1ph	240V	0...270V	6A	1.62kVA	230.0	210.0	255.0	9.5	9.4
RAVI 8FM-1	For panel mounting 1ph	240V	0...270V	8A	2.16kVA	230.0	210.0	255.0	9.5	9.3
RAVI 10FM-1	For panel mounting 1ph	240V	0...270V	10A	2.70kVA	230.0	210.0	255.0	9.5	10.6
RAVI 12FM-1	For panel mounting 1ph	240V	0...270V	12A	3.24kVA	230.0	210.0	255.0	9.5	12.4
RAVI 15FM-1	For panel mounting 1ph	240V	0...270V	15A	4.05kVA	250.0	210.0	330.0	15.8	15.7
RAVI 20FM-1	For panel mounting 1ph	240V	0...270V	20A	5.40kVA	250.0	210.0	330.0	15.8	18.3
RAVI 25FM-1	For panel mounting 1ph	240V	0...270V	25A	6.75kVA	250.0	210.0	330.0	15.8	20.3
RAVI 28FM-1	For panel mounting 1ph	240V	0...270V	28A	7.56kVA	280.0	280.0	350.0	15.8	26.7
RAVI 30FM-1	For panel mounting 1ph	240V	0...270V	30A	8.10kVA	280.0	280.0	350.0	15.8	28.9
RAVI 40FM-1	For panel mounting 1ph	240V	0...270V	40A	10.80kVA	425.0	337.0	387.0	15.8	31.0
RAVI 50FM-1	For panel mounting 1ph	240V	0...270V	50A	13.50kVA	425.0	337.0	387.0	15.8	32.0
RAVI 60FM-1	For panel mounting 1ph	240V	0...270V	60A	16.20kVA	425.0	337.0	387.0	15.8	33.0