

# THREE-PHASE OPEN-TYPE VARIABLE AUTOTRANSFORMERS FOR FLOOR MOUNTING FROM 1A TO 60A

Open-type three-phase range (3ph) of variable autotransformers for floor mounting from 1A to 60A per phase (motorised versions from 4A to 60A per phase).

Standard input 415V 50 Hz; output 0...470V 50 Hz 3ph.

High efficiency with no output voltage distortion.

Ambient temperature rating up to 45 °C.

Long life, high quality wiper design.

\*Stock items



20F-3

A comprehensive range of three-phase (3ph) variable autotransformers covering ratings from 1A to 60A per phase. Used for the variable control of voltages from 0V up to 470V 3ph with low power losses. Units are open-type with the option of double wound transformers to give total isolation. 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 2F-3*	For floor mounting 3ph	415V	0...470V	2A	1.63kVA	110.0	140.0	360.0	7.5	30.0	9.7
RAVI 3F-3	For floor mounting 3ph	415V	0...470V	3A	2.44kVA	110.0	140.0	360.0	7.5	30.0	10.9
RAVI 4F-3	For floor mounting 3ph	415V	0...470V	4A	3.26kVA	175.0	195.0	410.0	10.0	50.0	19.4
RAVI 6F-3*	For floor mounting 3ph	415V	0...470V	6A	4.89kVA	175.0	195.0	410.0	10.0	50.0	22.0
RAVI 8F-3	For floor mounting 3ph	415V	0...470V	8A	6.51kVA	175.0	195.0	410.0	10.0	50.0	26.0
RAVI 10F-3*	For floor mounting 3ph	415V	0...470V	10A	8.14kVA	175.0	195.0	410.0	10.0	50.0	29.1
RAVI 15F-3	For floor mounting 3ph	415V	0...470V	15A	12.21kVA	220.0	250.0	465.0	10.0	50.0	41.0
RAVI 20F-3*	For floor mounting 3ph	415V	0...470V	20A	16.28kVA	220.0	250.0	465.0	10.0	50.0	49.0
RAVI 28F-3	For floor mounting 3ph	415V	0...470V	28A	22.79kVA	325.0	325.0	535.0	10.0	50.0	75.0
RAVI 40F-3	For floor mounting 3ph	415V	0...470V	40A	32.56kVA	418.0	333.0	340.0	15.8	140.0	94.0
RAVI 50F-3	For floor mounting 3ph	415V	0...470V	50A	40.70kVA	418.0	333.0	340.0	15.8	140.0	97.0
RAVI 60F-3	For floor mounting 3ph	415V	0...470V	60A	48.84kVA	418.0	333.0	340.0	15.8	140.0	100.0

A comprehensive range of three-phase (3ph) motorised variable autotransformers covering ratings from 4A to 60A per phase. Used for the variable control of voltages from 0V up to 470V 3ph with low power losses. Units are open-type with the option of double wound transformers to give total isolation. 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-3	For floor mounting 3ph	415V	0...470V	4A	3.26kVA	230.0	210.0	660.0	9.5	21.8
RAVI 6FM-3	For floor mounting 3ph	415V	0...470V	6A	4.89kVA	230.0	210.0	660.0	9.5	24.5
RAVI 8FM-3	For floor mounting 3ph	415V	0...470V	8A	6.51kVA	230.0	210.0	660.0	9.5	28.4
RAVI 10FM-3	For floor mounting 3ph	415V	0...470V	10A	8.14kVA	230.0	210.0	660.0	9.5	31.5
RAVI 12FM-3	For floor mounting 3ph	415V	0...470V	12A	9.77kVA	230.0	210.0	660.0	9.5	34.5
RAVI 15FM-3	For floor mounting 3ph	415V	0...470V	15A	12.21kVA	250.0	210.0	710.0	15.8	43.5
RAVI 20FM-3	For floor mounting 3ph	415V	0...470V	20A	16.28kVA	250.0	210.0	710.0	15.8	51.5
RAVI 25FM-3	For floor mounting 3ph	415V	0...470V	25A	20.35kVA	250.0	210.0	710.0	15.8	56.0
RAVI 28FM-3	For floor mounting 3ph	415V	0...470V	28A	22.79kVA	280.0	280.0	760.0	15.8	77.8
RAVI 40FM-3	For floor mounting 3ph	415V	0...470V	40A	32.56kVA	425.0	337.0	588.0	15.8	94.0
RAVI 50FM-3	For floor mounting 3ph	415V	0...470V	50A	40.70kVA	425.0	337.0	588.0	15.8	97.0
RAVI 60FM-3	For floor mounting 3ph	415V	0...470V	60A	48.84kVA	425.0	337.0	588.0	15.8	100.0