

THREE PHASE VARIABLE AUTO TRANSFORMERS OPEN OR ENCLOSED AND BENCH MOUNTED TYPES

Open type three phase ranges from 1 amp to 28 amps per phase.

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

High efficiency with no output voltage distortion.
Ambient temperature rating up to 45 deg C.

Long life, high quality wiper design.

Open or IP23 enclosed versions.

* Stock items



20F-3

A comprehensive range of three phase variable autotransformers, covering ratings from 1 amp to 28 amps per phase. Used for the variable control of voltages from 0V up to 470V 3ph, with low power losses. Units can be supplied as either open or IP23 enclosed types, with the option of double wound transformers to give total isolation. Also units can be supplied to give a variable DC output via a bridge rectifier. Motor drive options are also available. Larger units can be supplied by paralleling two or more stacked versions and all types can be fully protected from overload and short circuits. They can also be fitted with full metering if required.

A comprehensive range of bench mounted units from 1 amp to 28 amps per phase is also available.

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%.

Standard range Reference	Description open type	Input Voltage	Output Voltage	Output current per phase	Maximum VA	L	W	H	Shaft diam	Shaft L	Weight (kg)
1F-3	Floor mounted 3ph	415V	0...470V	1 Amp	814VA	85	105	265	4	30	5.40
2F-3*	Floor mounted 3ph	415V	0...470V	2 Amps	1628VA	110	140	360	7.5	30	9.70
3F-3	Floor mounted 3ph	415V	0...470V	3 Amps	2442VA	110	140	360	7.5	30	10.9
4F-3	Floor mounted 3ph	415V	0...470V	4 Amps	3256VA	175	195	410	10	50	19.4
6F-3*	Floor mounted 3ph	415V	0...470V	6 Amps	4884VA	175	195	410	10	50	22.0
8F-3	Floor mounted 3ph	415V	0...470V	8 Amps	6512VA	175	195	410	10	50	26.0
10F-3*	Floor mounted 3ph	415V	0...470V	10 Amps	8140VA	175	195	410	10	50	29.1
15F-3	Floor mounted 3ph	415V	0...470V	15 Amps	12210VA	220	250	465	10	50	41.0
20F-3*	Floor mounted 3ph	415V	0...470V	20 Amps	16280VA	220	250	465	10	50	49.0
28F-3	Floor mounted 3ph	415V	0...470V	28 Amps	22790VA	325	325	535	10	50	75.0

Bench mounted type three phase ranges from 1 amp to 28 amps.

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

High efficiency with no output voltage distortion.

Ambient temperature rating up to 45 deg C.

Long life, high quality wiper design.

* Stock items



15P-3

Standard range Reference	Description Bench mounted type	Input Voltage	Output Voltage	Output current per phase	Maximum VA	L	W	H	Weight (kg)
1P-3	Fully enclosed free standing 3ph	415V	0...470V	1 Amp	814VA	120	150	270	7.3
2P-3*	Fully enclosed free standing 3ph	415V	0...470V	2 Amps	1628VA	170	145	430	13.0
3P-3	Fully enclosed free standing 3ph	415V	0...470V	3 Amps	2442VA	170	145	430	13.5
4P-3	Fully enclosed free standing 3ph	415V	0...470V	4 Amps	3256VA	190	245	520	27.5
6P-3*	Fully enclosed free standing 3ph	415V	0...470V	6 Amps	4884VA	190	245	520	29.0
8P-3	Fully enclosed free standing 3ph	415V	0...470V	8 Amps	6512VA	190	245	520	32.0
10P-3*	Fully enclosed free standing 3ph	415V	0...470V	10 Amps	8140VA	190	245	520	34.0
15P-3	Fully enclosed free standing 3ph	415V	0...470V	15 Amps	12210VA	240	310	560	51.5
20P-3*	Fully enclosed free standing 3ph	415V	0...470V	20 Amps	16280VA	240	310	560	59.0
28P-3	Fully enclosed free standing 3ph	415V	0...470V	28 Amps	22790VA	240	400	630	86.0

