

PhiCap Heavy Duty

	Series	PhiCap Heavy Duty B32447 and B32448
	Technical data	1 to 33.1 kVAr Single Unit Rated Voltage: 440 V to 525 V
	Features	• Manufactured using state-of-art metalisation process for MPP film with heavy edge • Self-healing property • Low energy consumption • Capable of withstanding high inrush current for non-linear loads • Soft biodegradable resin as impregnant • Three phase safety device in the form of pressure sensitive (over pressure) mechanical interrupter • Temp class: -25/D
	Specification	Conformance to Standards IEC 60831-1 & 2, IS 13340
	Applications	• Power Factor Correction (PFC) automatic capacitor banks • Fixed PFC applications, e.g. motor compensation • Detuned PFC systems • Dynamic PFC systems

Rating kVAr	Description	Material Code	Voltage	IR (A)	CN (μF)	D x H mm	Packing Units	MOQ	MRP List/ Pc in INR
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PhiCap Heavy Duty Round 440 V(AC) 3Ph, 50Hz (Series B32447 and B32448) New Design

1.0	PhiCap HD DFOC 440V 50Hz 1kVAr 3Ph	B32447H4012B040	440	1.3	3 x 5.5	50 x 75	36	36	794
2.0	PhiCap HD DFOC 440V 50Hz 2kVAr 3Ph	B32447H4022B040	440	2.6	3 x 11.0	50 x 112	36	36	914
3.0	PhiCap HD DFOC 440V 50Hz 3kVAr 3Ph	B32447H4032B040	440	3.9	3 x 16.4	55 x 112	25	25	1,373
4.0	PhiCap HD DFOC 440V 50Hz 4kVAr 3Ph	B32447H4042B040	440	5.2	3 x 21.9	55 x 137	25	25	1,541
5.0	PhiCap HD DFOC 440V 50Hz 5kVAr 3Ph	B32447H4052B040	440	6.6	3 x 27.4	55 x 147	25	25	1,871
6.0	PhiCap HD DFOC 440V 50Hz 6kVAr 3Ph	B32447H4062B040	440	7.9	3 x 32.9	63.5 x 136	25	25	2,224
7.5	PhiCap HD SIG 440V 50Hz 7.5kVAr 3Ph	B32448H4072B540	440	9.8	3 x 41.1	75 x 162	1	1	2,906
8.3	PhiCap HD SIG 440V 50Hz 8.3kVAr 3Ph	B32448H4082B340	440	10.9	3 x 45.5	75 x 162	1	1	3,221
10.0	PhiCap HD SIG 440V 50Hz 10kVAr 3Ph	B32448H4102B040	440	13.1	3 x 54.8	75 x 197	1	1	3,875
12.5	PhiCap HD SIG 440V 50Hz 12.5kVAr 3Ph	B32448H4122B540	440	16.4	3 x 68.5	75 x 197	1	1	4,845
15.0	PhiCap HD SIG 440V 50Hz 15kVAr 3Ph	B32448H4152B040	440	19.7	3 x 82.2	85 x 197	1	1	5,811
20.0	PhiCap HD SIG 440V 50Hz 20kVAr 3Ph	B32448H4202B040	440	26.2	3 x 109.6	75 x 272	1	1	7,747
25.0	PhiCap HD SIG 440V 50Hz 25kVAr 3Ph	B32448H4252B040	440	32.8	3 x 137.0	85 x 272	1	1	9,685
30.0	PhiCap HD SIG 440V 50Hz 30kVAr 3Ph	B32448H4302B040	440	39.4	3 x 164.4	90 x 272	1	1	11,624

PhiCap Heavy Duty Round 480 V(AC) 3Ph, 50Hz (Series B32447 and B32448)

5.0	PhiCap HD DFOC 480V 50Hz 5.0kVAr 3Ph	B32447H4052B080	480	6.0	3 x 23.0	63.5 x 136	25	25	1,871
5.5	PhiCap HD DFOC 480V 50Hz 5.5kVAr 3Ph	B32447H4052B580	480	6.6	3 x 25.3	63.5 x 136	25	25	2,060
6.3	PhiCap HD DFOC 480V 50Hz 6.3kVAr 3Ph	B32447H4062B380	480	7.6	3 x 29.0	63.5 x 146	25	25	2,440
8.3	PhiCap HD SIG 480V 50Hz 8.3kVAr 3Ph	B32448H4082B380	480	10.0	3 x 38.2	75 x 162	1	1	3,217
10.4	PhiCap HD SIG 480V 50Hz 10.4kVAr 3Ph	B32448H4102B480	480	12.5	3 x 47.9	75 x 197	1	1	4,030
11.1	PhiCap HD SIG 480V 50Hz 11.1kVAr 3Ph	B32448H4112B180	480	13.4	3 x 51.1	75 x 197	1	1	4,301
12.5	PhiCap HD SIG 480V 50Hz 12.5kVAr 3Ph	B32448H4122B580	480	15.0	3 x 57.6	75 x 197	1	1	4,845
13.8	PhiCap HD SIG 480V 50Hz 13.8kVAr 3Ph	B32448H4132B880	480	16.6	3 x 63.5	85 x 197	1	1	5,349
15.0	PhiCap HD SIG 480V 50Hz 15kVAr 3Ph	B32448H4152B080	480	18.0	3 x 69.1	85 x 197	1	1	5,811
16.7	PhiCap HD SIG 480V 50Hz 16.7kVAr 3Ph	B32448H4162B780	480	20.1	3 x 76.9	85 x 197	1	1	6,470
18.7	PhiCap HD SIG 480V 50Hz 18.7kVAr 3Ph	B32448H4182B780	480	22.5	3 x 86.1	75 x 272	1	1	7,247
20.0	PhiCap HD SIG 480V 50Hz 20kVAr 3Ph	B32448H4202B080	480	24.1	3 x 92.1	75 x 272	1	1	7,747
22.0	PhiCap HD SIG 480V 50Hz 22kVAr 3Ph	B32448H4222B080	480	26.5	3 x 101.3	85 x 272	1	1	8,526

Rating kVAr	Description	Material Code	Voltage	IR (A)	CN (μF)	D x H mm	Packing Units	MOQ	MRP List/ Pc in INR
PhiCap Heavy Duty Round 480 V(AC) 3Ph, 50Hz (Series B32447 and B32448)									
25.0	PhiCap HD SIG 480V 50Hz 25kVAr 3Ph	B32448H4252B080	480	30.1	3 x 115.1	85 x 272	1	1	9,685
27.7	PhiCap HD SIG 480V 50Hz 27.7kVAr 3Ph	B32448H4272B780	480	33.3	3 x 127.5	90 x 272	1	1	10,733
28.1	PhiCap HD SIG 480V 50Hz 28.1kVAr 3Ph	B32448H4282B180	480	33.8	3 x 129.4	90 x 272	1	1	10,889
30.0	PhiCap HD SIG 480V 50Hz 30kVAr 3Ph	B32448H4302B080	480	36.1	3 x 138.1	90 x 272	1	1	11,624
PhiCap Heavy Duty Round 525 V(AC) 3Ph, 50Hz (Series B32447 and B32448)									
5.0	PhiCap HD DFOC 525V 50Hz 5kVAr 3Ph	B32447H5052B025	525	5.5	3 x 19.2	63.5 x 146	25	25	1,871
6.3	PhiCap HD SIG 525V 50Hz 6.3kVAr 3Ph	B32448H5062B325	525	6.9	3 x 24.2	75 x 162	1	1	2,440
6.6	PhiCap HD SIG 525V 50Hz 6.6kVAr 3Ph	B32448H5062B625	525	7.3	3 x 25.4	75 x 162	1	1	2,556
8.3	PhiCap HD SIG 525V 50Hz 8.3kVAr 3Ph	B32448H5082B325	525	9.1	3 x 31.9	75 x 162	1	1	3,217
10.4	PhiCap HD SIG 525V 50Hz 10.4kVAr 3Ph	B32448H5102B425	525	11.4	3 x 40.0	75 x 197	1	1	4,030
12.5	PhiCap HD SIG 525V 50Hz 12.5kVAr 3Ph	B32448H5122B525	525	13.7	3 x 48.1	85 x 197	1	1	4,845
13.2	PhiCap HD SIG 525V 50Hz 13.2kVAr 3Ph	B32448H5132B225	525	14.5	3 x 50.8	85 x 197	1	1	5,116
15.0	PhiCap HD SIG 525V 50Hz 15kVAr 3Ph	B32448H5152B025	525	16.5	3 x 57.7	85 x 197	1	1	5,796
16.7	PhiCap HD SIG 525V 50Hz 16.7kVAr 3Ph	B32448H5162B725	525	18.4	3 x 64.3	75 x 272	1	1	6,470
20.0	PhiCap HD SIG 525V 50Hz 20kVAr 3Ph	B32448H5202B025	525	22.0	3 x 77.0	85 x 272	1	1	7,747
25.0	PhiCap HD SIG 525V 50Hz 25kVAr 3Ph	B32448H5252B025	525	27.5	3 x 96.2	85 x 272	1	1	9,685
26.5	PhiCap HD SIG 525V 50Hz 26.5kVAr 3Ph	B32448H5262B525	525	29.1	3 x 102.0	90 x 272	1	1	10,267
30.0	PhiCap HD SIG 525V 50Hz 30kVAr 3Ph	B32448H5302B025	525	33.0	3 x 115.5	85 x 348	1	1	11,624
33.1	PhiCap HD SIG 525V 50Hz 33.1kVAr 3Ph	B32448H5332B125	525	36.4	3 x 127.4	85 x 348	1	1	12,827