

Power Factor Correction Products



Capacitor for Heavy Duty Application in Easy Range

- **Rated Voltage:** 480 and 525, 50/60Hz
- **Standard compliances:** IEC 60831 part 1 & 2, IS13340 Part 1-2, BIS certification, ASTA certified
- **Green Premium:** Compliant
- **Reliability:** Specially designed di-electric with Soft resin as coolant, the combination provides it extra reliability and extended working hours
- **Size Optimization:** This optimized design and compact size helps to save the panel space while its lower weight contributes to user experience during installation

EasyLogic™ PFC+ Capacitor

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit MRP [₹]
EasyLogic PFC+				
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	6.7		MEHVCPDY067A48	6580
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	11.3		MEHVCPDY113A48	6680
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	12.5		MEHVCPDY125A48	6730
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	14.4		MEHVCPDY144A48	7011
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	15.5		MEHVCPDY155A48	7544
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	17		MEHVCPDY170A48	8278
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	22.4		MEHVCPDY224A48	10906
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	25		MEHVCPDY250A48	12173
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	28.1		MEHVCPDY281A48	13604
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 480V	31.5		MEHVCPDY315A48	15324
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 525V	12.5		MEHVCPDY125A52	6083
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 525V	15.4		MEHVCPDY154A52	7493
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 525V	20.6		MEHVCPDY206A52	10024
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 525V	25		MEHVCPDY250A52	12115
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 525V	27.5		MEHVCPDY275A52	13388
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 525V	30.6		MEHVCPDY306A52	14896
MPP-EasyLogic™ H Duty Can 3Ph 50Hz 525V	33.1		MEHVCPDY331A52	16099

Power Factor Correction Products



VarPlus Can

- **Performance:** High performance and flexibility
- **Offer configuration:** Available in three configurations as FastOn, Clampfit and Stud Offer
- **Product range:** 1-50 kvar from 440V-525V
- **Product compliance:** IEC 60831 Part 1-2014 and 2 -2014 compliant, BIS Certified, CE, CQC, UL, ASTA, Rohs and Green Premium
- **Type tested:** From LCIE France and ASTA Intertek
- **Temperature class:** Class D (+55°C for VarPlus Can)
- **Reliability:** Self healing, unique 3-phase disconnection mechanism with pressure sensitive disconnection (PSD)
- **Safety:** Tamper-proof discharge resistor, IP20 for FastOn and Clampfit offer
- **Robust design:** Al Can for casing, hermetically sealed, resin as coolant - better than gas
- **Enhanced life:** 130K hours with better current handling capacity due to wave cut films with slope metalization

Can (Cylindrical) Type 440V Capacitors

Description	kVar Rating	Minimum Ordering Quantity (No.)	Reference	Unit MRP [₹]
EasyCan (S Duty) 440V Range				
MPP - Standard Duty Can 3Ph 1kVAr 440V 50Hz	1	3	MEHVCSDY010A44 ✓	713
MPP - Standard Duty Can 3Ph 2kVAr 440V 50Hz	2	3	MEHVCSDY020A44 ✓	991
MPP - Standard Duty Can 3Ph 3kVAr 440V 50Hz	3	3	MEHVCSDY030A44 ✓	1487
MPP - Standard Duty Can 3Ph 4kVAr 440V 50Hz	4	3	MEHVCSDY040A44 ✓	1984
MPP - Standard Duty Can 3Ph 5kVAr 440V 50Hz	5	3	MEHVCSDY050A44 ✓	2030
MPP - Standard Duty Can 3Ph 7.5kVAr 440V 50Hz	7.5	3	MEHVCSDY075A44 ✓	2841
MPP - Standard Duty Can 3Ph 10kVAr 440V 50Hz	10	1	MEHVCSDY100A44 ✓	3320
MPP - Standard Duty Can 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVCSDY125A44 ✓	4148
MPP - Standard Duty Can 3Ph 15kVAr 440V 50Hz	15	1	MEHVCSDY150A44 ✓	4974
MPP - Standard Duty Can 3Ph 20kVAr 440V 50Hz	20	1	MEHVCSDY200A44 ✓	6634
MPP - Standard Duty Can 3Ph 25kVAr 440V 50Hz	25	1	MEHVCSDY250A44 ✓	8294
VarPlus Can (H Duty) 440V Range				
MPP - Heavy Duty Can 3Ph 1kVAr 440V 50Hz	1	3	MEHVCHDY010A44 ✓	887
MPP - Heavy Duty Can 3Ph 2kVAr 440V 50Hz	2	3	MEHVCHDY020A44 ✓	1390
MPP - Heavy Duty Can 3Ph 3kVAr 440V 50Hz	3	3	MEHVCHDY030A44 ✓	2088
MPP - Heavy Duty Can 3Ph 4kVAr 440V 50Hz	4	3	MEHVCHDY040A44 ✓	2781
MPP - Heavy Duty Can 3Ph 5kVAr 440V 50Hz	5	3	MEHVCHDY050A44 ✓	2888
MPP - Heavy Duty Can 3Ph 7.5kVAr 440V 50Hz	7.5	3	MEHVCHDY075A44 ✓	4233
MPP - Heavy Duty Can 3Ph 10kVAr 440V 50Hz	10	1	MEHVCHDY100A44 ✓	5268
MPP - Heavy Duty Can 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVCHDY125A44 ✓	6617
MPP - Heavy Duty Can 3Ph 15kVAr 440V 50Hz	15	1	MEHVCHDY150A44 ✓	7900
MPP - Heavy Duty Can 3Ph 20kVAr 440V 50Hz	20	1	MEHVCHDY200A44 ✓	10536
MPP - Heavy Duty Can 3Ph 25kVAr 440V 50Hz	25	1	MEHVCHDY250A44 ✓	13168
MPP - Heavy Duty Can 3Ph 30kVAr 440V 50Hz	30	1	MEHVCHDY300A44 ✓	15876
MPP - Heavy Duty Can 3Ph 40kVAr 440V 50Hz (Single unit with IP00)	40	1	MEHVCHDY400A44 ✓	20623
MPP - Heavy Duty Can 3Ph 50kVAr 440V 50Hz (Single unit with IP00)	50	1	MEHVCHDY500A44 ✓	25659
VarPlus Can (GH Duty) 440V Range				
MPP - Gas Heavy Duty Can 3Ph 5kVAr 440V 50Hz	5	3	MEHVCGSF050A44	2923
MPP - Gas Heavy Duty Can 3Ph 7.5kVAr 440V 50Hz	7.5	3	MEHVCGSF075A44	4381
MPP - Gas Heavy Duty Can 3Ph 10kVAr 440V 50Hz	10	1	MEHVCGSF100A44	5403
MPP - Gas Heavy Duty Can 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVCGSF125A44	6751
MPP - Gas Heavy Duty Can 3Ph 15kVAr 440V 50Hz	15	1	MEHVCGSF150A44	8098
MPP - Gas Heavy Duty Can 3Ph 20kVAr 440V 50Hz	20	1	MEHVCGSF200A44	10790
MPP - Gas Heavy Duty Can 3Ph 25kVAr 440V 50Hz	25	1	MEHVCGSF250A44	13501
MPP - Gas Heavy Duty Can 3Ph 30kVAr 440V 50Hz	30	1	MEHVCGSF300A44	16194
MPP - Gas Heavy Duty Can 3Ph 40kVAr 440V 50Hz (Single unit with IP00)	40	1	MEHVCGSF400A44	20965
MPP - Gas Heavy Duty Can 3Ph 50kVAr 440V 50Hz (Single unit with IP00)	50	1	MEHVCGSF500A44	26201

Power Factor Correction Products



VarPlus Box

- **Performance:** High performance and flexibility
- **Product range:** 5-50 kvar from 440V-525V
- **Product compliance:** IEC 60831 Part 1-2014 and 2 -2014 compliant, **BIS Certified**, CE, CQC, UL, ASTA, Rohs and Green Premium
- **Type tested:** From LCIE France and ASTA Intertek
- **Temperature class:** +50°C for VarPlus Box APP, Class D (60°C for VarPlus Xtreme Box, 70°C for MD-XL)
- **Reliability:** Self healing, unique 3-phase disconnection mechanism with pressure sensitive disconnection (PSD)
- **Robust design:** Steel enclosure, resin as coolant - better than gas
- **Enhanced life:** 150K hours with better current handling capacity due to wave cut films with slope metalization

Box (Square) Type 440V Capacitors

Description	kVar Rating	Minimum Ordering Quantity (No.)	Reference	Unit MRP [₹]
VarPlus Box Xtreme H Duty 440V Range				
MPP - Xtreme Heavy Duty Box 3Ph 5kVAr 440V 50Hz	5	1	MEHVBHDY050A44	3878
MPP - Xtreme Heavy Duty Box 3Ph 7.5kVAr 440V 50Hz	7.5	1	MEHVBHDY075A44	5813
MPP - Xtreme Heavy Duty Box 3Ph 10kVAr 440V 50Hz	10	1	MEHVBHDY100A44	6652
MPP - Xtreme Heavy Duty Box 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVBHDY125A44	8288
MPP - Xtreme Heavy Duty Box 3Ph 15kVAr 440V 50Hz	15	1	MEHVBHDY150A44	9946
MPP - Xtreme Heavy Duty Box 3Ph 20kVAr 440V 50Hz	20	1	MEHVBHDY200A44	13323
MPP - Xtreme Heavy Duty Box 3Ph 25kVAr 440V 50Hz	25	1	MEHVBHDY250A44	16655
MPP - Xtreme Heavy Duty Box 3Ph 30kVAr 440V 50Hz	30	1	MEHVBHDY300A44	19888
VarPlus Box APP 440V Range				
APP - Box 3Ph 5kVAr 440V 50Hz	5	1	MEHVBAPP050A44	5305
APP - Box 3Ph 7.5kVAr 440V 50Hz	7.5	1	MEHVBAPP075A44	7960
APP - Box 3Ph 10kVAr 440V 50Hz	10	1	MEHVBAPP100A44	9309
APP - Box 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVBAPP125A44	11640
APP - Box 3Ph 15kVAr 440V 50Hz	15	1	MEHVBAPP150A44	13968
APP - Box 3Ph 20kVAr 440V 50Hz	20	1	MEHVBAPP200A44	18624
APP - Box 3Ph 25kVAr 440V 50Hz	25	1	MEHVBAPP250A44	23282
APP - Box 3Ph 30kVAr 440V 50Hz	30	1	MEHVBAPP300A44	27986

Power Factor Correction Products



Detuned Filter Application Capacitors

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit MRP 
* Capacitors for 7%/5.7% , 440V Detuned Filter Application				
VarPlus Can (H Duty) 480V Range				
MPP - Heavy Duty Can 3Ph 5.6kVAr 480V 50Hz	5.6	1	MEHVCHDY056A48 	3158
MPP - Heavy Duty Can 3Ph 6.7kVAr 480V 50Hz	6.7	1	MEHVCHDY067A48	3779
MPP - Heavy Duty Can 3Ph 11.3kVAr 480V 50Hz	11.3	1	MEHVCHDY113A48 	5973
MPP - Heavy Duty Can 3Ph 12.5kVAr 480V 50Hz	12.5	1	MEHVCHDY125A48	6609
MPP - Heavy Duty Can 3Ph 14.4kVAr 480V 50Hz	14.4	1	MEHVCHDY144A48	7620
MPP - Heavy Duty Can 3Ph 15.5kVAr 480V 50Hz	15.5	1	MEHVCHDY155A48	8201
MPP - Heavy Duty Can 3Ph 17kVAr 480V 50Hz	17	1	MEHVCHDY170A48 	8998
MPP - Heavy Duty Can 3Ph 19kVAr 480V 50Hz	19	1	MEHVCHDY190A48	10057
MPP - Heavy Duty Can 3Ph 22.4kVAr 480V 50Hz	22.4	1	MEHVCHDY224A48 	11854
MPP - Heavy Duty Can 3Ph 25kVAr 480V 50Hz	25	1	MEHVCHDY250A48 	13232
MPP - Heavy Duty Can 3Ph 28.1kVAr 480V 50Hz	28.1	1	MEHVCHDY281A48 	14787
MPP - Heavy Duty Can 3Ph 31.5kVAr 480V 50Hz	31.5	1	MEHVCHDY315A48 	16656
VarPlus Can (GH Duty) 480V Range				
MPP - GasHeavy Duty Can 3Ph 5.6kVAr 480V 50Hz	5.6	1	MEHVCGSF056A48 	3272
MPP - GasHeavy Duty Can 3Ph 6.7kVAr 480V 50Hz	6.7	1	MEHVCGSF067A48	3915
MPP - GasHeavy Duty Can 3Ph 11.3kVAr 480V 50Hz	11.3	1	MEHVCGSF113A48 	6099
MPP - GasHeavy Duty Can 3Ph 12.5kVAr 480V 50Hz	12.5	1	MEHVCGSF125A48	6746
MPP - GasHeavy Duty Can 3Ph 14.4kVAr 480V 50Hz	14.4	1	MEHVCGSF144A48	7798
MPP - GasHeavy Duty Can 3Ph 15.5kVAr 480V 50Hz	15.5	1	MEHVCGSF155A48	8367
MPP - GasHeavy Duty Can 3Ph 17kVAr 480V 50Hz	17	1	MEHVCGSF170A48 	9177
MPP - GasHeavy Duty Can 3Ph 22.4kVAr 480V 50Hz	22.4	1	MEHVCGSF224A48 	12090
MPP - GasHeavy Duty Can 3Ph 25kVAr 480V 50Hz	25	1	MEHVCGSF250A48 	13493
MPP - GasHeavy Duty Can 3Ph 28.1kVAr 480V 50Hz	28.1	1	MEHVCGSF281A48 	15223
MPP - GasHeavy Duty Can 3Ph 31.5kVAr 480V 50Hz	31.5	1	MEHVCGSF315A48 	17066
VarPlus Box Xtreme H Duty 480V Range				
MPP - Xtreme Heavy Duty Box 3Ph 5.6kVAr 480V 50Hz	5.6	1	MEHVBHDY056A48	4341
MPP - Xtreme Heavy Duty Box 3Ph 11.3kVAr 480V 50Hz	11.3	1	MEHVBHDY113A48 	7491
MPP - Xtreme Heavy Duty Box 3Ph 14.4kVAr 480V 50Hz	14.4	1	MEHVBHDY144A48	9596
MPP - Xtreme Heavy Duty Box 3Ph 17kVAr 480V 50Hz	17	1	MEHVBHDY170A48	11265
MPP - Xtreme Heavy Duty Box 3Ph 22.4kVAr 480V 50Hz	22.4	1	MEHVBHDY224A48	14788
MPP - Xtreme Heavy Duty Box 3Ph 25kVAr 480V 50Hz	25	1	MEHVBHDY250A48 	16511
MPP - Xtreme Heavy Duty Box 3Ph 28.1kVAr 480V 50Hz	28.1	1	MEHVBHDY281A48 	18645
MPP - Xtreme Heavy Duty Box 3Ph 31.5kVAr 480V 50Hz	31.5	1	MEHVBHDY315A48	20798

* Refer to Selection chart for Reactors & Capacitors available on page 16

 NORMAL STOCK ITEMS

W.E.F. January 30th, 2023

Power Factor Correction Products



Detuned Filter Application Capacitors

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit MRP
VarPlus Box APP 480V Range				
APP - Box 3Ph 5.6kVAr 480V 50Hz	5.6	1	MEHVBAP P056A48	5934
APP - Box 3Ph 11.3kVAr 480V 50Hz	11.3	1	MEHVBAPP113A48	10537
APP - Box 3Ph 14.4kVAr 480V 50Hz	14.4	1	MEHVBAPP144A48	13428
APP - Box 3Ph 15.5kVAr 480V 50Hz	15.5	1	MEHVBAPP155A48	14436
APP - Box 3Ph 17kVAr 480V 50Hz	17	1	MEHVBAPP170A48	15872
APP - Box 3Ph 22.4kVAr 480V 50Hz	22.4	1	MEHVBAPP224A48	20913
APP - Box 3Ph 25kVAr 480V 50Hz	25	1	MEHVBAPP250A48	23286
APP - Box 3Ph 28.1kVAr 480V 50Hz	28.1	1	MEHVBAPP281A48	26170
APP - Box 3Ph 31.5kVAr 480V 50Hz	31.5	1	MEHVBAPP315A48	29339
* Capacitors for 7%/ 5.7%/ 14% , 440V Filter Application				
VarPlus Can (H Duty) 525V Range				
MPP - Heavy Duty Can 3Ph 6.9kVAr 525V 50Hz	6.9	1	MEHVCHDY069A52	3896
MPP - Heavy Duty Can 3Ph 12.5kVAr 525V 50Hz	12.5	1	MEHVCHDY125A52	6612
MPP - Heavy Duty Can 3Ph 13.8kVAr 525V 50Hz	13.8	1	MEHVCHDY138A52	7301
MPP - Heavy Duty Can 3Ph 15.4kVAr 525V 50Hz	15.4	1	MEHVCHDY154A52	8145
MPP - Heavy Duty Can 3Ph 17.2kVAr 525V 50Hz	17.2	1	MEHVCHDY172A52	9100
MPP - Heavy Duty Can 3Ph 18.5kVAr 525V 50Hz	18.5	1	MEHVCHDY185A52	9786
MPP - Heavy Duty Can 3Ph 20.6kVAr 525V 50Hz	20.6	1	MEHVCHDY206A52	10896
MPP - Heavy Duty Can 3Ph 25kVAr 525V 50Hz	25	1	MEHVCHDY250A52	13168
MPP - Heavy Duty Can 3Ph 27.5kVAr 525V 50Hz	27.5	1	MEHVCHDY275A52	14553
MPP - Heavy Duty Can 3Ph 30.6kVAr 525V 50Hz	30.6	1	MEHVCHDY306A52	16191
MPP - Heavy Duty Can 3Ph 33.1kVAr 525V 50Hz	33.1	1	MEHVCHDY331A52	17499
MPP-Heavy Duty Can 3Ph 37.7 kVAr 525V 50Hz	37.7	1	MEHVCHDY377A52	19929
VarPlus Can (GH Duty) 525V Range				
MPP - GasHeavy Duty Can 3Ph 6.9kVAr 525V 50Hz	6.9	1	MEHVCGSF069A52	4042
MPP - GasHeavy Duty Can 3Ph 12.5kVAr 525V 50Hz	12.5	1	MEHVCGSF125A52	6769
MPP - GasHeavy Duty Can 3Ph 13.8kVAr 525V 50Hz	13.8	1	MEHVCGSF138A52	7472
MPP - GasHeavy Duty Can 3Ph 20.6kVAr 525V 50Hz	20.6	1	MEHVCGSF206A52	11166
MPP - GasHeavy Duty Can 3Ph 25kVAr 525V 50Hz	25	1	MEHVCGSF250A52	13540
MPP - GasHeavy Duty Can 3Ph 27.5kVAr 525V 50Hz	27.5	1	MEHVCGSF275A52	14908
MPP - GasHeavy Duty Can 3Ph 30.6kVAr 525V 50Hz	30.6	1	MEHVCGSF306A52	16584
MPP - GasHeavy Duty Can 3Ph 33.1kVAr 525V 50Hz	33.1	1	MEHVCGSF331A52	17942
MPP - GasHeavy Duty Can 3Ph 37.7kVAr 525V 50Hz	37.7	1	MEHVCGSF377A52	20392

* Refer to Selection chart for Reactors & Capacitors available on page 16

Power Factor Correction Products



Detuned Filter Application Capacitors

Description	kVar Rating	Minimum Ordering Quantity (No.)	Reference	Unit MRP 
VarPlus Box Xtreme H Duty 525V Range New				
MPP - Xtreme Heavy Duty Box 3Ph 6.9kVAr 525V 50Hz	6.9	1	MEHVBHDY069A52	5375
MPP - Xtreme Heavy Duty Box 3Ph 12.5kVAr 525V 50Hz	12.5	1	MEHVBHDY125A52	8259
MPP - Xtreme Heavy Duty Box 3Ph 13.8kVAr 525V 50Hz	13.8	1	MEHVBHDY138A52	9134
MPP - Xtreme Heavy Duty Box 3Ph 15.4kVAr 525V 50Hz	15.4	1	MEHVBHDY154A52	10194
MPP - Xtreme Heavy Duty Box 3Ph 17.2kVAr 525V 50Hz	17.2	1	MEHVBHDY172A52	11491
MPP - Xtreme Heavy Duty Box 3Ph 20.6kVAr 525V 50Hz	20.6	1	MEHVBHDY206A52	13637
MPP - Xtreme Heavy Duty Box 3Ph 25kVAr 525V 50Hz	25	1	MEHVBHDY250A52	16573
MPP - Xtreme Heavy Duty Box 3Ph 27.5kVAr 525V 50Hz	27.5	1	MEHVBHDY275A52	18221
MPP - Xtreme Heavy Duty Box 3Ph 30.6kVAr 525V 50Hz	30.6	1	MEHVBHDY306A52	20211
MPP - Xtreme Heavy Duty Box 3Ph 33.1kVAr 525V 50Hz	33.1	1	MEHVBHDY331A52	22042
VarPlus Box APP 525V Range				
APP - Box 3Ph 6.9kVAr 525V 50Hz	6.9	1	MEHVBAPP069A52	7311
APP - Box 3Ph 12.5kVAr 525V 50Hz	12.5	1	MEHVBAPP125A52	11641
APP - Box 3Ph 13.8kVAr 525V 50Hz	13.8	1	MEHVBAPP138A52	12846
APP - Box 3Ph 15.4kVAr 525V 50Hz	15.4	1	MEHVBAPP154A52	14337
APP - Box 3Ph 20.6kVAr 525V 50Hz	20.6	1	MEHVBAPP206A52	19187
APP - Box 3Ph 25kVAr 525V 50Hz	25	1	MEHVBAPP250A52	23288
APP - Box 3Ph 27.5kVAr 525V 50Hz	27.5	1	MEHVBAPP275A52	25616
APP - Box 3Ph 30.6kVAr 525V 50Hz	30.6	1	MEHVBAPP306A52	28515
APP - Box 3Ph 33.1kVAr 525V 50Hz	33.1	1	MEHVBAPP331A52	30828
APP - Box 3Ph 37.7kVAr 525V 50Hz	37.7	1	MEHVBAPP377A52	35131

Refer to Selection chart for Reactors & Capacitors available on page 16

PFC - Detuned Reactors



VarPlus Max Detuned Reactor

- **Performance:** Designed to operate at a stringent harmonic spectrum as per IEEE 519
- **Offer configuration:** 6.5 - 100 kvar, 440V
- **Product range:** Single footprint from 6.5 - 100 kvar
- **Product compliance:** Compliant to IEC 60076-6
- **Type tested:** Certified by CPRI
- **Temperature class:** Class H for insulation $\leq 180^{\circ}\text{C}$
- **Reliability:** Conductor design, designed as per maximum permissible current (I_{mp})
- **Safety:** Built-in thermal protection

Detuned Reactor 440V Range

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit MRP 
VarPlus MAX Detuned Reactor 5.7%, 440V Range				
VarPlus MAX AL Detuned reactor 20 kVAr 440V 5.7 % 50Hz	20	1	LVR05200A44LO	29608
VarPlus MAX AL Detuned reactor 25 kVAr 440V 5.7 % 50Hz	25	1	LVR05250A44LO	30595
VarPlus MAX AL Detuned reactor 50 kVAr 440V 5.7 % 50Hz	50	1	LVR05500A44LO	45776
VarPlus MAX AL Detuned reactor 100 kVAr 440V 5.7 % 50Hz	100	1	LVR05X00A44LO	91521
VarPlus MAX Detuned Reactor 7%, 440V Range				
VarPlus MAX AL Detuned reactor 5 kVAr 440V 7% 50Hz	5	1	LVR07050A44LO 	13299
VarPlus MAX AL Detuned reactor 10 kVAr 440V 7% 50Hz	10	1	LVR07100A44LO 	19220
VarPlus MAX AL Detuned reactor 12.5 kVAr 440V 7% 50Hz	12.5	1	LVR07125A44LO 	21978
VarPlus MAX AL Detuned reactor 15 kVAr 440V 7% 50Hz	15	1	LVR07150A44LO 	23305
VarPlus MAX AL Detuned reactor 20 kVAr 440V 7% 50Hz	20	1	LVR07200A44LO 	24737
VarPlus MAX AL Detuned reactor 25 kVAr 440V 7% 50Hz	25	1	LVR07250A44LO 	24746
VarPlus MAX AL Detuned reactor 50 kVAr 440V 7% 50Hz	50	1	LVR07500A44LO 	38214
VarPlus MAX AL Detuned reactor 75 kVAr 440V 7% 50Hz	75	1	LVR07750A44LO 	59603
VarPlus MAX AL Detuned reactor 100 kVAr 440V 7% 50Hz	100	1	LVR07X00A44LO 	77203
VarPlus MAX Detuned Reactor 14%, 440V Range				
VarPlus MAX AL Detuned reactor 10 kVAr 440V 14 % 50Hz	10	1	LVR14100A44LO	20649
VarPlus MAX AL Detuned reactor 15 kVAr 440V 14 % 50Hz	15	1	LVR14150A44LO	30135
VarPlus MAX AL Detuned reactor 25 kVAr 440V 14 % 50Hz	25	1	LVR14250A44LO 	37841
VarPlus MAX AL Detuned reactor 50 kVAr 440V 14 % 50Hz	50	1	LVR14500A44LO 	63118
VarPlus MAX AL Detuned reactor 100 kVAr 440V 14 % 50Hz	100	1	LVR14X00A44LO	130526

Copper Wound Detuned Reactor



VarPlus Max Copper Detuned Reactors

- **MAXimize your selection**
 - Wide range available in Copper windings.
- **MAXimize your OPEX optimization**
 - Up to 30% lower losses to reduce your OPEX
- **MAXimize your thermal efficiency**
 - Up to 20% lower working temperatures
- **MAXimize your operational efficiency**
 - Design current up to 1.3 x Rated Current
 - Saturation current limit up to 2.0 x Rated Current
 - Designed for Harsh environments (Maximum voltage harmonic limit up to 9%)

Copper Wound Detuned Reactor 440V Range

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit MRP 
Varplus Copper Detuned Reactor 7%, 440V Range				
DetunedReactor CU 5kVAr 440V 7% 50Hz	5	1	LVR07050A44CU	16200
DetunedReactor CU 10kVAr 440V 7% 50Hz	10	1	LVR07100A44CU	26468
DetunedReactor CU 12.5kVAr 440V 7% 50Hz	12.5	1	LVR07125A44CU	28147
DetunedReactor CU 15kVAr 440V 7% 50Hz	15	1	LVR07150A44CU	32092
DetunedReactor CU 20kVAr 440V 7% 50Hz	20	1	LVR07200A44CU	34065
DetunedReactor CU 25kVAr 440V 7% 50Hz	25	1	LVR07250A44CU	39270
DetunedReactor CU 50kVAr 440V 7% 50Hz	50	1	LVR07500A44CU	66790
DetunedReactor CU 100kVAr 440V 7% 50Hz	100	1	LVR07X00A44CU	122665
Varplus Copper Detuned Reactor 14%, 440V Range				
DetunedReactor CU 10kVAr 440V 14% 50Hz	10	1	LVR14100A44CU	32333
DetunedReactor CU 25kVAr 440V 14% 50Hz	25	1	LVR14250A44CU	62897
DetunedReactor CU 50kVAr 440V 14% 50Hz	50	1	LVR14500A44CU	104914

Selection of capacitor (kVAr & Voltage) for Detuned filter Application

Effective kVAr output of Detuned Filter @ 440V	Selection of 480V capacitors for 7%/ 5.7% detuned Reactor for 440V	Selection of 525V capacitors for 7%/ 5.7% detuned Reactor for 440V	Selection of 525V capacitors for 14% detuned Reactor for 440V
5	5kVAr 7%/5.7% Reactor + 5.6kVAr, 480V Capacitor	5kVAr 7%/5.7% Reactor + 6.9kVAr, 525V Capacitor	5kVAr 14% Reactor + 6.9kVAr, 525V Capacitor
10	10kVAr 7%/5.7% Reactor + 11.3kVAr, 480V Capacitor	10kVAr 7%/5.7% Reactor + 13.8kVAr, 525V Capacitor	10kVAr 14% Reactor + 12.5kVAr, 525V Capacitor
12.5	12.5kVAr 7%/5.7% Reactor + 14.4kVAr, 480V Capacitor	12.5kVAr 7%/5.7% Reactor + 17.2kVAr, 525V Capacitor	12.5kVAr 14% Reactor + 15.4kVAr, 525V Capacitor
15	15kVAr 7%/5.7% Reactor + 17kVAr, 480V Capacitor	15kVAr 7%/5.7% Reactor + 20.6kVAr, 525V Capacitor	15kVAr 14% Reactor + 18.5kVAr, 525V Capacitor
20	20kVAr 7%/5.7% Reactor + 22.4kVAr, 480V Capacitor	20kVAr 7%/5.7% Reactor + 27.5kVAr, 525V Capacitor	20kVAr 14% Reactor + 25kVAr, 525V Capacitor
25	25kVAr 7%/5.7% Reactor + 28.1kVAr, 480V Capacitor	25kVAr 7%/5.7% Reactor + 33.1kVAr, 525V Capacitor	25kVAr 14% Reactor + 30.6kVAr, 525V Capacitor
50	50kVAr 7%/5.7% Reactor + 2 x 28.1kVAr, 480V Capacitor	50kVAr 7%/5.7% Reactor + 2 x 33.1kVAr, 525V Capacitor	50kVAr 14% Reactor + 2 x 30.6kVAr, 525V Capacitor
75	75kVAr 7%/5.7% Reactor + 3 x 28.1kVAr, 480V Capacitor	75kVAr 7%/5.7% Reactor + 3 x 33.1kVAr, 525V Capacitor	75kVAr 14% Reactor + 3 x 30.6kVAr, 525V Capacitor
100	100kVAr 7%/5.7% Reactor + 4 x 28.1kVAr, 480V Capacitor	100kVAr 7%/5.7% Reactor + 4 x 33.1kVAr, 525V Capacitor	100kVAr 14% Reactor + 4 x 30.6kVAr, 525V Capacitor

Power Factor Correction Products



APFC Relays

Description	No. of Step	Minimum Ordering Quantity (No.)	Reference	Unit MRP 
Varlogic APFC Relays - Classic Range				
RT6 , 6 step, 440V, 5A	6	1	51207 	19792
RT8 , 8 step, 440V, 5A	8	1	51209 	25653
RT12 , 12 step, 440V, 5A	12	1	51213 	29762
VarPlus Logic APFC Relays - Advanced Range				
VPL06, 6 step LCD Display , 90V - 550V 50/60Hz 1A/5A with RS485	6	1	VPL06N 	44090
VPL12, 12 step LCD Display , 90V - 550V 50/60Hz 1A/5A with RS485	12	1	VPL12N 	47607

PowerLogic™ DVR



- Mitigates three-phase voltage sags up to -70% deep or single-phase interruptions
- Continuous regulation to offer high stabilization ($\pm 1\%$)
- Very high operational efficiency ($> 98\%$)
- Power ranges from 150 to 900 kVA
- Swell and overvoltage compensation up to $+ 20\%$
- High response speed (< 3 milliseconds)
- Compensation of voltage dips even for longer times (up to 30 seconds)

PowerLogic DVR 380/400/415 V, 50/60 Hz

Sag Level	Rated Power (KVA)	By-Pass Rating (A)	Commercial Reference Number				By-Pass		Price
		By-Pass Rating	Master Reference	Qty	Slave Reference	Qty	By-Pass Reference	Qty	
40%	150	630A	DVR15040400	X 1			DVRBP630	X 1	Price on request
	220	630A	DVR22040400	X 1			DVRBP630	X 1	
	300	630A	DVR30040400	X 1			DVRBP630	X 1	
	440	1250A	DVR44040400M	X 1	DVR44040400S	X 1	DVRBP1250	X 1	
	500	1250A	DVR50040400M	X 1	DVR50040400S	X 1	DVRBP1250	X 1	
	600	1250A	DVR60040400M	X 1	DVR60040400S	X 1	DVRBP1250	X 1	
	750	2000A	DVR75040400M	X 1	DVR75040400S	X 2	DVRBP2000	X 1	
	900	2000A	DVR90040400M	X 1	DVR90040400S	X 2	DVRBP2000	X 1	
50%	220	630A	DVR22050400	X 1			DVRBP630	X 1	
	440	1250A	DVR44050400M	X 1	DVR44050400S	X 1	DVRBP1250	X 1	
	660	2000A	DVR66050400M	X 1	DVR66050400S	X 2	DVRBP2000	X 1	
60%	150	630A	DVR15060400	X 1		X 1	DVRBP630	X 1	
	300	1250A	DVR30060400M	X 1	DVR30060400S	X 1	DVRBP1250	X 1	
	450	1250A	DVR45060400M	X 1	DVR45060400S	X 2	DVRBP1250	X 1	

Active Harmonic Filtering Solutions

AccuSine PCS+



- 3 Ph, 3 wire connection
- From 208V to 690V supply
- Parallel connection up to 99 units - any combination of models
- Harmonic cancellation spectrum from 2nd to 50th harmonic order
- Load balancing of source current
- DPF correction
- Can be used with PF capacitors as Hybrid VAR compensation (HVC) system

Accusine PCS+

Description	AMPS	Minimum Ordering Quantity (No.)	Reference	Unit MRP
AccuSine PCS+				
AccuSine PCS+ 60A 380V- 480V 50- 60Hz IP31	60	1	PCSP060D5IP31	On Request
AccuSine PCS+ 120A 380V - 480V 50- 60Hz IP31	120	1	PCSP120D5IP31	On Request
AccuSine PCS+ 200A 380V- 480V 50- 60Hz IP31	200	1	PCSP200D5IP31	On Request
AccuSine PCS+ 300A 380V- 480V 50- 60Hz IP31	300	1	PCSP300D5IP31	On Request
AccuSine PCS+ 60A 380V-480V 50- 60Hz IP54	60	1	PCSP060D5IP54	On Request
AccuSine PCS+ 120A 380V-480V 50- 60Hz IP54	120	1	PCSP120D5IP54	On Request
AccuSine PCS+ 200A 380V- 480V 50- 60Hz IP54	200	1	PCSP200D5IP54	On Request
AccuSine PCS+ 300A 380V- 480V 50- 60Hz IP54	300	1	PCSP300D5IP54	On Request

Note: Active Harmonic Filter prices On Request

AccuSine PCSn



- Clean up your current
- Units design to work in high ambient temp up to 50 Deg C
 - 3 Level IGBT to meet tough target requirements from Utilities
 - 3-in-1 Harmonic Correction, PF improvement, Main current balancing

AccuSine PCSn

Description	AMPS	Minimum Ordering Quantity (No.)	Reference	Unit MRP
AccuSine PCSn				
AccuSine PCSn 30A 208-415Vac 3ph+N chassis IP00	30	1	PCSN030Y4CH00	On Request
AccuSine PCSn 60A 208-415Vac 3ph+N chassis IP00	60	1	PCSN060Y4CH00	On Request
AccuSine PCSn 60A 208-415Vac 3ph+N chassis IP00 expansion module	60	1	PCSN060Y4CH00E	On Request
AccuSine PCSn 30A 208-415Vac 3ph+N wall mount IP20	30	1	PCSN030Y4W20	On Request
AccuSine PCSn 60A 208-415Vac 3ph+N wall mount IP20	60	1	PCSN060Y4W20	On Request
AccuSine PCSn 60A 208-415Vac 3ph+N wall mount IP20 expansion module	60	1	PCSN060Y4W20E	On Request
AccuSine PCSn 30A 208-415Vac 3ph+N rack mount 19"	30	1	PCSN030Y4R19	On Request
AccuSine PCSn 60A 208-415Vac 3ph+N rack mount 19"	60	1	PCSN060Y4R19	On Request
AccuSine PCSn 60A 208-415Vac 3ph+N rack mount 19" expansion module	60	1	PCSN060Y4R19E	On Request

Note: Active Harmonic Filter prices On Request

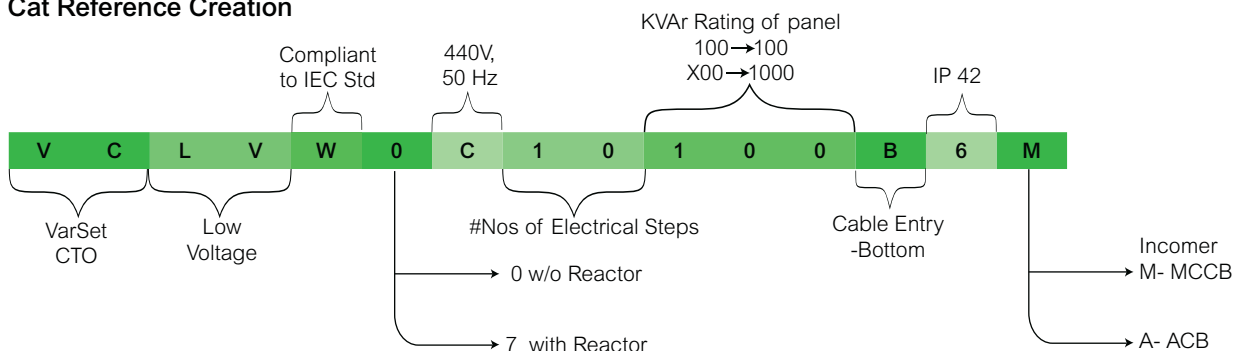
Power Factor Correction Equipment - VarSet



VarSet LV APFC panels without reactors

Pane Ratings	Step Configuration in kVAr	Cat Reference No.	Dimensions (in mm) W x D x H	Unit MRP [₹]
Incomer MCCB				
100	3x10kVAr + 1x20kVAr + 1x50kVAr	VCLVW0C10100B6M	800 x 800 x 2325	On Request
125	2x12.5kVAr + 2x25kVAr + 1x50kVAr	VCLVW0C10125B6M	800 x 800 x 2325	On Request
150	2x12.5kVAr + 1x25kVAr + 2x50kVAr	VCLVW0C12150B6M	800 x 800 x 2325	On Request
200	2x12.5kVAr + 1x25kVAr + 3x50kVAr	VCLVW0C16200B6M	800 x 800 x 2325	On Request
250	2x12.5kVAr + 1x25kVAr + 4x50kVAr	VCLVW0C20250B6M	1200 x 800 x 2325	On Request
300	2x12.5kVAr + 1x25kVAr + 5x50kVAr	VCLVW0C24300B6M	1200 x 800 x 2325	On Request
350	2x12.5kVAr + 1x25kVAr + 6x50kVAr	VCLVW0C28350B6M	1200 x 800 x 2325	On Request
400	2x25kVAr + 3x50kVAr + 2x100kVAr	VCLVW0C16400B6M	1200 x 800 x 2325	On Request
500	2x25kVAr + 3x50kVAr + 3x100kVAr	VCLVW0C20500B6M	1200 x 800 x 2325	On Request
Incomer ACB				
500	2x25kVAr + 3x50kVAr + 3x100kVAr	VCLVW0C20500B6A	1200 x 800 x 2325	On Request
600	2x25kVAr + 3x50kVAr + 4x100kVAr	VCLVW0C24600B6A	1400 x 800 x 2325	On Request
700	2x25kVAr + 3x50kVAr + 5x100kVAr	VCLVW0C28700B6A	1400 x 800 x 2325	On Request
750	2x25kVAr + 4x50kVAr + 5x100kVAr	VCLVW0C30750B6A	1400 x 800 x 2325	On Request
800	2x25kVAr + 3x50kVAr + 6x100kVAr	VCLVW0C32800B6A	2000 x 800 x 2325	On Request
900	2x25kVAr + 3x50kVAr + 7x100kVAr	VCLVW0C36900B6A	2000 x 800 x 2325	On Request
1000	2x25kVAr + 1x50kVAr + 9x100kVAr	VCLVW0C40X00B6A	2000 x 800 x 2325	On Request

Cat Reference Creation



Product offer:

VarSet LV APFC panels with 7% / without Reactors

Ratings = 100kVAr to 1000kVAr
Capacitor = MPP HD Can 440/480V, with 3ph simultaneous PSD

General Features:

System voltage = 440V
Frequency = 50Hz
Phase = 3
Design = Modular
IP = IP42
Switching = Random

Incomer:

Upto 350kVAr = MCCB, 36kA
From 350 to 500kVAr = MCCB, 50kA
From 500 to 1000kVAr = ACB, 65kA
Step protection = MCCBs, 36kA

Switching:

Capacitor duty Contactor - without Reactor design
Power Contactors - with Reactor design

Power Factor Correction Equipment - VarSet



Branch Protection: MCCB

> Branch Protection: MCCB

- Reduces thermal stresses on the electrical distribution network
- Unique electrical fault trip indication (SDE)



Incomer: ACB/MCCB

> Incomer: ACB/MCCB

- No derating upto 55°C as per IEC-60947 Part 1 & 2
- Fastest Breaking time <25ms



Capacitor: LV Shunt MPP FILM

> Capacitor: LV MPP film

- IEC 60831-1,2 Compliant
- Unique Pressure sensitive disconnecter
- Class D (+55degC)



Detuned Reactor: Cu Wound

> Detuned Reactor: Cu Wound

- Compliant to IEC 60076-6
- Class H insulation (180 °C)
- Inbuilt thermal protection



APFC Controller: Varlogic RT/ VarPlus Logic VPL

> APFC Controller: Varlogic RT/ VarPlus Logic VPL

- Most Intelligent PFC relay in market with 6, 8, 12 steps
- Ready to communicate with dedicated RS485 port



VarSet LV APFC panels with 7% reactors

Panel Ratings	Step Configuration in kVar	Cat Reference No.	Dimensions (in mm)W x D x H	Unit MRP [₹]
Incomer MCCB				
100	3x10kVAr + 1x20kVAr + 1x50kVAr	VCLVW7C10100B6M	1200 x 800 x 2325	On Request
125	2x12.5kVAr + 2x25kVAr + 1x50kVAr	VCLVW7C10125B6M	1200 x 800 x 2325	On Request
150	2x12.5kVAr + 1x25kVAr + 2x50kVAr	VCLVW7C12150B6M	1200 x 800 x 2325	On Request
200	2x12.5kVAr + 1x25kVAr + 3x50kVAr	VCLVW7C16200B6M	1200 x 800 x 2325	On Request
250	2x12.5kVAr + 1x25kVAr + 4x50kVAr	VCLVW7C20250B6M	1800 x 800 x 2325	On Request
300	2x12.5kVAr + 1x25kVAr + 5x50kVAr	VCLVW7C24300B6M	1800 x 800 x 2325	On Request
350	2x12.5kVAr + 1x25kVAr + 6x50kVAr	VCLVW7C28350B6M	1800 x 800 x 2325	On Request
400	2x25kVAr + 3x50kVAr + 2x100kVAr	VCLVW7C16400B6M	1800 x 800 x 2325	On Request
500	2x25kVAr + 3x50kVAr + 3x100kVAr	VCLVW7C20500B6M	1800 x 800 x 2325	On Request
Incomer ACB				
500	2x25kVAr + 3x50kVAr + 3x100kVAr	VCLVW7C20500B6A	1800 x 800 x 2325	On Request
600	2x25kVAr + 3x50kVAr + 4x100kVAr	VCLVW7C24600B6A	2200 x 800 x 2325	On Request
700	2x25kVAr + 3x50kVAr + 5x100kVAr	VCLVW7C28700B6A	2200 x 800 x 2325	On Request
750	2x25kVAr + 4x50kVAr + 5x100kVAr	VCLVW7C30750B6A	2200 x 800 x 2325	On Request
800	2x25kVAr + 3x50kVAr + 6x100kVAr	VCLVW7C32800B6A	3200 x 800 x 2325	On Request
900	2x25kVAr + 3x50kVAr + 7x100kVAr	VCLVW7C36900B6A	3200 x 800 x 2325	On Request
1000	2x25kVAr + 1x50kVAr + 9x100kVAr	VCLVW7C40X00B6A	3200 x 800 x 2325	On Request

Note:

VarSet prices will be On Request

✓ NORMAL STOCK ITEMS

W.E.F. January 30th, 2023