



Effective Apr. 2011 onwards.

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Sr. No.	Product Description	Model Number	Added info	Price US-\$
Power Factor Correction Key Components				
Power Factor Controllers: For Contactorised switching of Capacitor Banks				
Single phase current sensing 3 phase capacitor bank control.				
1	Economy PF Correction relay 1-CT sensing Version. 415Vac/50Hz or 484Vac/60Hz 1Amp/5Amp secondary current	APFC-02/04	4 banks	110
		APFC-02/08	8 banks	119
		APFC-02/12	12 banks	135
		APFC-02/16	16 banks	144
2	Standard PF Correction relay 1-CT sensing & Capacitor Current sensing. 1Amp/5Amp secondary current One RS-232 or RS-485 port	LCPF-02/04	4 banks	169
		LCPF-02/08	8 banks	178
		LCPF-02/12	12 banks	199
		LCPF-02/16	16 banks	210
Three phase current sensing 3 phase capacitor bank control.				
3	3-phase mains current sensing and 3-phase capacitor current sensing type APFC relay. With Standard data logging and one RS-232 port in built.	SPF-35/08	8 banks	313
		SPF-35/12	12 banks	339
		SPF-35/16	16 banks	352
3-a	Meas accuracy CI-1 for kW & CI-2 for kVAR	SPF-35/---/0.5cl	Added price	+177
3-b	Added feature of extra RS-485 MODBUS	SPF-35/---/C	Added price	+55
Real Time PF Controllers: For Thyristorised switching of Capacitor Banks				
Single phase current sensing 3 phase capacitor bank control.				
4	Real Time PF Correction relay 1-CT sensing & Capacitor Current sensing. 1Amp/5Amp secondary current One RS-232 or RS-485 port	TRPF-02/04	4 banks	218
		TRPF-02/08	8 banks	227
		TRPF-02/12	12 banks	292
		TRPF-02/16	16 banks	301
Three phase current sensing 3 phase capacitor bank control.				
5	3-phase mains current sensing and 3-phase capacitor current sensing type RTPFC relay. With Standard data logging and one RS-232 port in built.	TPF-35/08	8 banks	348
		TPF-35/16	16 banks	400
5-a	Added feature of extra RS-485 MODBUS	TPF-35/---/C	Added price	+55
Capacitor Duty Thyristor Switches for High Speed PF Correction.				
Two Phase Controlled Switches for 3 phase 3 wire capacitor banks:				
6	2-phase controlled thyristor switches for zero differential voltage switching of 3-phase delta connected capacitor banks. Switch with complete protection. Maximum Supply Voltage = 480Vac - 3ph.	ZCTC-02/020	20Amp.	305
		ZCTC-02/040	40Amp.	339
		ZCTC-02/080	80Amp.	364
		ZCTC-02/120	120Amp.	449
		ZCTC-02/160	160Amp.	650
7	2-phase controlled thyristor switches for zero differential voltage switching of 3-phase delta connected capacitor banks. Maximum Supply Voltage = 484Vac - 3ph. No internal protection.	TSCM-TT/020	20Amp.	250
		TSCM-TT/040	40Amp.	275
		TSCM-TT/080	80Amp.	295
		TSCM-TT/120	120Amp.	405
		TSCM-TT/160	160Amp.	610
8	2-phase controlled thyristor switches for zero differential voltage switching of 3-phase delta connected capacitor banks. 2 switches in one unit. Combipack units. Maximum Supply Voltage = 480Vac - 3ph.	ZCCP-02/20+20	20A + 20A.	585
		ZCCP-02/20+40	20A + 40A	599
		ZCCP-02/40+40	40A + 40A	602
		ZCCP-02/40+80	40A + 80A	631
Note: For 415V/440V 3-phase supply system the kVAR suitability is: 20Amp switch for capacitor kVAR upto 12.5kVAR @ 415/440Vac And 15kVAR @ 480Vac 40Amp switch for capacitor kVAR upto 25kVAR @ 415/440Vac And 30kVAR @ 480Vac 80Amp switch for capacitor kVAR upto 50kVAR @ 415/440Vac And 60kVAR @ 480Vac 120Amp switch for capacitor kVAR upto 75kVAR @ 415/440Vac And 90kVAR @ 480Vac 160Amp switch for capacitor kVAR upto 100kVAR @ 415/440Vac And 120kVAR @ 480Vac				



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Power Factor Correction Key Components (continued)				
Detuned Reactors for Power Factor Correction Capacitors. Cu wound - Class F				
9	7.68% voltage drop detuned reactors for 3-ph PF improvement capacitors. 187Hz resonance frequency. 415V/440Vac 3-ph supply system. 150% linearity 120% continuous overload capacity With over temperature switches in all the 3 winding. For Other Voltage rating or %drop rating prices would be on case to case basis.	RECT-03/07/005	For 5kVAR	121
		RECT-03/07/010	For 10kVAR	192
		RECT-03/07/012	For 12.5kVAR	211
		RECT-03/07/015	For 15kVAR	221
		RECT-03/07/020	For 20kVAR	245
		RECT-03/07/025	For 25kVAR	245
		RECT-03/07/030	For 30kVAR	352
		RECT-03/07/050	For 50kVAR	427
		RECT-03/07/075	For 75kVAR	676
	RECT-03/07/100	For 100kVAR	734	
Other Products for Power Factor improvement systems				
10	Automatic & Manual switching Units for APFC system with internal off delay timers	AMB-08/(C or T)	8-bank	109
		AMB-16/(C or T)	16-bank	127
11	Discharge Resistance module for 3-ph delta connected capacitor bank.	DISR-36	36KΩ	11
12	Buffer module for solid state output banks control. - Current per channel 50mA	TBR-08	8-bank	32
		TBR-16	16-bank	43
13	Zero Differential voltage thyristor gate driving module. Module with protection features.	TSC-module with f.b. CTs	For entire range	86
14	Zero Differential Voltage thyristor gate driving module. Module without protection features.	TSCM-TT module	For entire range	50
15	Zero Differential Voltage thyristor gate driving module for Thy-Diode switch w/o protection.	TSCM-TD module	For entire range	50
16	R-C Snubber module for thyristors upto 165Amp rating	RC-50	Upto 165Amp Thyristors.	5
17	R-C Snubber module for thyristors above 165Amp and below 350Amp rating	RC-100	From 165Amp to 350Amp thy	7
18	+12Vdc SMPS. 12VA with i/p Transformer	SMPS-12/12	12V/1Amp	20
19	+12Vdc regulated SMPS. 40VA rating	SMPS-12/40	12V/3.3Amp	59
20	Hand Held Terminal for Data Downloading	HHU-01	on RS-232	273
Measurement and Data communication products				
21	Load Manager - 0.5Class as IEC-62053-22	LM-03	2MB flash	455
22	Windows based program for data download and data view.	TAS-GSM server	--	682
		TAS-Downloader	--	682
Controllers for Lighting Control Energy Saver Systems				
23	Controller for Time controlled lighting energy saver system using Voltage reduction for energy saving.	SLC-04	Contact sw	261
		SLC-05	Relay switch	273
		SLC-06	Servo control	273
Single Phase Intelligent Lighting Energy Saver				
24	Single Phase intelligent control fluorescent lamps energy saver system. Wall mounted units for <u>indoor</u> application.	LCES-01/1	4Amp/240V	170
		LCES-01/2	8Amp/240V	193
		LCES-01/3	12Amp/240V	216
		LCES-01/4.5	18Amp/240V	372
		LCES-01/6	24Amp/240V	472
25	Single Phase intelligent control fluorescent lamps energy saver system. Wall mounted units for <u>outdoor</u> application.	LES-01/1	4Amp/240V	227
		LES-01/2	8Amp/240V	250
		LES-01/3	12Amp/240V	275
		LES-01/4.5	18Amp/240V	448
		LES-01/6	24Amp/240V	551



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Lighting Control Energy Saving Systems and Key Components.				
Three Phase Intelligent Lighting Control Energy Saver System (Electrical Panel)				
26	Three Phase Intelligent Lighting Control energy saver system with contactors. Indoor and Street Lighting Schedule control and voltage control for energy saving.	LCES-03/03	3kVA	762
		LCES-03/06	6kVA	1032
		LCES-03/09	9kVA	1175
		LCES-03/13	13.5kVA	1403
		LCES-03/18	18kVA	1669
		LCES-03/21	21kVA	1833
		LCES-03/24	24kVA	2078
		LCES-03/30	30kVA	2283
		LCES-03/36	36kVA	2499
		LCES-03/45	45kVA	2879
	LCES-03/54	54kVA	3349	
	LCES-03/63	63kVA	4249	
Heater Control and AC Power Control Modules				
27	3-phase Open loop thyristorised Power control module	HTR-7.5/3	7.5kW	250
		HTR-13.5/3	13.5kW	307

Warranty Conditions for TAS's product ranges:

1. The product is warranted against any manufacturing and design defects. Any other defects in the product due to wrong handling, transportation damages, usages of product beyond the specified electrical supply conditions, wrong application, wrong working conditions etc are not covered under the warranty clause.
2. TAS Powertek Private Limited will not accept any liabilities, liquidated damages claims due to usage of these equipments. The proper usage of these products would be sole responsibility of the purchaser of these products and TAS would only give the guidelines for the proper usage.
3. Product is warranted against failure of any component as specified in clause no.1 and TAS Powertek Private Limited would be replacing any faulty components free of cost which would including the cost of the component and the direct engineering services that are involved with the repair of the said product.
4. The warranty services offered would be only applicable in the specified territory of our service centers. Any services required outside the specified territory would be on chargeable basis.
5. Some of the products, can only be serviced at our Manufacturing works at Nasik. With such products, the transportation cost of faulty product to and fro Nasik would be to purchaser's account.
6. Normally, the products offered are warranted for a period of 15 months from the product invoice date or 12 months from the first usage date, whichever is earlier. This is valid unless extended term of warranty is explicitly agreed between TAS and the purchaser.
7. The warranty is applicable is for rectification of the defective product and would not be applicable for the entire product replacement.