

Teknika

AMF PANEL RELAYS



S.N. ITEM	SPECS	TYPE NO.	PRICE
1. Timer AC/DC on Delay-Sec	AC 110/220Vac DC:12, 24Vdc 1-10, 3-30, 10-100 Sec.	TE 100	800
2. Timer DC on Delay-Sec	DC : 12, 24Vdc 1-10, 3-30, 10-100 sec.	TE 101	750
3. Timer AC/DC on Delay-Min	AC 110/220Vac DC:12, 24Vdc 1-10, 3-30, 10-100 min.	TE 110	800
4. Timer Stopping/Off Delay	AC 110/220Vac DC:12, 24Vdc 1-10, 3-30, 10-100 sec/min.	TE 130	850
5. Signal Of Delay Timer	AC 110/220Vac DC:12, 24Vdc 1-10, 3-30, 10-100 sec	TE 132	900
6. Cyclic/Priming Timer On time and Off time settable	AC 110/220Vac DC:12, 24Vdc 1-10, 3-30, 10-100 sec	TE 140	1260
7. Engine Start Relay	DC 12, 24V for gensets 3 cranks on & off time 0-30 sec each settable	TE 150	1400
8. Voltage Monitor Relay (1 Phase) Under or Over	AC : 110, 220 V Single Phase Trip time 0-10 sec.	TE 200 Internal TE 201 Flush	1300 4000
9. Alternator Voltage Relay (1 Phase)	AC: 110, 220 V Single Phase Trip time 0-10 sec.	TE 202 Internal	1400
10. Voltage Monitor Relay (3 Phase)	3 phase AC 110/415 Vac Setting 75-100/300-400V Trip time 0-10 sec.	TE 210 Internal TE 211 Flush	1600 4000
11. Alternator Voltage Relay (3 Phase) Under or Over	3 phase AC 110/415 Vac Setting 75-100/300-400V Trip time 0-10 sec.	TE 212 Internal	1600
12. Voltage Relay Singl Phase Under+Over	AC: 110, 220V single phase UV & OV setable Trip time fixed 4 sec.	TE 230 Internal	1650
13. Voltage Relay Three Phase Under+Over	3 phase AC 110/415 Vac UV Setting 75-100/300-400V OV setting 100-125/420-500V Trip time 3-4 sec. fixed	TE 240 Internal	2150
14. Over Current Relay Definite Time	Non Directional, Definite Time & Current Adjustable setting 0.5-5A/1-10A/0.1-1A, Time 0-10 sec	TE 510 Internal TE 511 Flush	1900 4000
15. Earth Fault AC	Non Directional, Definite Time & Current Adjustable setting 0.5-5A/1-10A/0.1-1A, Time 0-10 sec Non Directional, Definite Time & Current Adjustable setting 0-4-4A/0.2-2A, Time 0-10 sec	TE 520 Internal TE 511 Flush TE 520 Internal	1900 4000 1900
16. Earth Leakage CBCT extra	Leakage Current adjustable range 100-400/100-1000mA	TE 560 Internal TE 561 Flush	1800 4000
17. Frequency Relay Under or Over	110/220/415 Vac under 45-50 Hz Over 50-55 Hz trip time 3 sec. fix	TE 700 Internal	1900
18. Reverse Power Relay	Sensitive Polarised directional relay Sensitivity 4% to 16% 110, 220, 440 Vac, CT 1A/5A Trip time setting 0-10 sec stable	TE 800 Internal	2500
19. Three Element Over Current/Earth Fault Relay	Non Directional three element Ocr/Efr, Definite time 3-5 sec fixed, internal mounting, setting OCR: 0.5-5A/EFR 0.2-2A	TE 530 Internal TE 531 Internal	3400 3400
S.N. ITEM	SPECS	TYPE NO.	PRICE
20. Annunciator Units DC12/24 VDC Case size as specified	Four Fault (96x96mm) Six Fault (96x96mm) Eight Fault () Ten Fault (192x96mm) Twelve Fault (192x96 mm vertical) 16 Fault (192x96 mm vertical)	TE 930 TE 933 TE 931 TE 932 TE 934 TE 936	3200 4800 6400 8000 9600 12800
21. Field Failure Relay	For 110 Vac or 110Vdc, 230Vac, 230 Vdc please add Rs. 450.00 per Annunciator extra Field wdg voltage 0-110Vac/dc, Trip time 10 sec Aux Supply 12,24 Vdc, setting 1 or 5A	TE 610 TE 301 302	5750 700 800
22. Electronic Hooter (Buzzer Type)	12/24 VDC 230 V	TE 301 302	700 800
23. Battery Volt Relay	12/24 VDC		1400
24. LVM (U+O+Phseq+SPP)	415 VAC	TE 240PS	2250
25. SPP+Rev Phasing	415 VAC	TE 401	850
26. Cyclic Timer PR SW	24 VAC	TE 141	2000

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Please allow a delivery time of 3 weeks for items no. 21 and all Flush items


PRICE EFFECTIVE 1ST JANUARY, 2013

Teknika		ANNUNCIATORS-M SERIES -1D, 2D, 3D-12/24VDC		CE	C
S.N.		SPECS	TYPE NO.	PRICE	
27.	Annunciator Size 1D	4 Fault	TE 902M	3500/-	
28.	Annunciator Size 1D	6 Fault	TE 904M	4800/-	
29.	Annunciator Size 1D	8 Fault	TE 906M	6400/-	
30.	Annunciator Size 2D	6 Fault	TE 930M	5100/-	
31.	Annunciator Size 2D	8 Fault	TE 932M	6800/-	
32.	Annunciator Size 2D	12 Fault	TE 936M	10200/-	
33.	Annunciator Size 2D	16 Fault	TE 938M	13600/-	
34.	Annunciator Size 3D	12 Fault	TE 950M	10800/-	
35.	Annunciator Size 3D	16 Fault	TE 952M	14400/-	
36.	Annunciator Size 3D	24 Fault	TE 954M	21600/-	
37.	Annunciator Size 3D	32 Fault	TE 956M	28800/-	

For 110Vac or 110Vdc, 230Vac, 230Vdc please add Rs. 450.00 per Annunciator extra.

Teknika		STATIC RELAYS		
S.N.	ITEM	SPECS	TYPE NO.	PRICE
38.	Over Current Relay Instantaneous	Trip time 0.3 sec. Setting 0.2-2A/0.5-5A	TE 501	3150
39.	Three Element CDG31 Type Over Current Relay	Non Directional One EFR, Definite time 3-5 sec fixed, Flush mounting: Setting OCR: 0.5-5A/1-10A EFR: 0.2-2A/0.4-4A	TE 540 Flush	6200
40.	Three Element IDMT Type Inverse Overcurrent/ Earth Fault Relay	Non Directional Two OCR/ One EFR, Definite time 3-5 sec fixed, Flush mounting: Setting OCR: 0.5-5A/1-10A EFR: 0.2-2A/0.4-4A	TE 550 Flush	8000
41.	Three Element Overcurrent/Earth Fault Relay Internal	Non Directional three element OCR/EFR, Definite time 3-5 sec fixed, Internal mounting, setting 3 element OCR 2 OCR: 0.5-5A+1 EFR 0.2-2A	TE 530 Internal TE 531 Internal	3400 3400
42.	Earth Leakage	Leakage Current Adjustable Continuously range 100-400/100-1000mA can be supplied with CBCT-CBCT extra	TE 560 Internal TE 561 Flush	1800 4000
43.	Four Element Overcurrent/Earth Fault Relay Internal	Non Directional four element OCR/EFR, Definite time 3-5 sec fixed, internal mounting 3 OCR+1 OCR Instantaneous 3 OCR+1 EFR Instantaneous	TE 590 Internal TE 591 Internal	5000 5000

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Teknika		GENERATOR CONTROL UNITS		CE	
S.N. ITEM	SPECS	TYPE NO.	PRICE		
44.	4 Fault Engine Safety Unit-Suitable for Mahindra, Eicher, Kirloskar etc. all DG Sets	12VDC aux, LLOP, LFL, HT, Em stop Solenoid shut down on fault 1ph/3 ph DG	TE 1204	3500	
45.	4 Fault Engine Safety	12VDC aux, LLOP, LFL, HT, Em stop Solenoid shut down on fault 1ph/3 ph DG	TE 1205	3850	
46.	Complete Engine Safety Unit Full feature set protection	Shut down 60 sec after Mains reappears All engine parameters V.A.F., Hours Speed, Monitoring and trip including solenoid shutdown	TE 1505	5500	
47.	AMF controller auto Mains start and stop	1 phase Mains and DG Full feature monitoring including display	TE 1501	9000	
All items - delivery one to two weeks					

Teknika		GENERATOR SYNCHRONISING RELAYS			
S.N. ITEM	SPECS	TYPE NO.	PRICE		
48.	Autosynchronising Relay	AC 110/220 Vac Phase angle +7° of phase zero for 2 sec Synch voltage to be 0+10% Frequency 50Hz; Auto breaker closing & lockout, signal for Frequency & voltage	TE 760	34500	
49.	Checksynchronising Relay	AC 110/220 Vac Phase angle +7° of phase zero for 2 sec Synch voltage to be 0+10% Frequency 50Hz; Auto breaker closing	TE 750	19500	
50.	Load Balance Relay-Active	Balances Generator Loads by speed increase/decrease. Auto checking during running.	TE 770	15500	
51.	Load Level Monitor/Active Load Trip	V:110/220Vac, CT 5A each phase 230Vac, CT 5A max Active load monitor for one phase	TE 790	12500	
52.	Reverse Power Relay	Sensitive Polarised directional relay Sensitivity 4% to 16% 110, 220, 440Vac, CT 1A/5A Trip time setting 0-10 sec stable	TE 800 Internal TE 801 Flush	2500 4000	
53.	Frequency Relay Under/Over	110/220/415Vac Under-1500-1650 rpm Over 50-55 Hz Trip time 3 sec fix	TE 700 Internal	1850	
54.	Speed Relay Under/Over	110/220/415 Vac Trip time 3 sec fix under : 1500-1650 rpm Over : 1650-1800 rpm Hz	TE 710 Internal	1850	
55.	Frquency Balance Relay	Compares Freq. of Gen. & Bus Gives raise or lower signal. At balance NO/NC closes 110/220/415Vac Balance setting 0.1-1Hz setable pulse time 0.4-4 sec	TE 740	19500	
56.	Voltage Balance Relay	Compares Voltage of Gen. & Bus Gives raise or lower signal 110/220/415 Vac Pulse time 0.2-2 sec command	TE 300	13500	
57.	Central Frequency Relay	Relay Contering to 50 Hz operation Control of Genset Speed Governor gives raise or lower signal. At balance NO/NC changeover	TE 742	18750	
58.	Frequency Relay Under+Over combined relay with independent frequency and time. Setting		TE 770	4000	

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Teknika**MOTOR CONTROL RELAYS**

S.N. ITEM	SPECS	TYPE NO.	PRICE
59. Single Phase Preventor cum Reverse phasing	AC 415 Vac checks 3 phase for correct phase & missing sequence	TE 400	625
60. Water Level Controller 1 Level with probe 3 nos	AC 220Vac, one level On/Off	TE 1010	1500
61. Water Level Controller 2 Level with probe 6 nos	AC 220Vac, sump operation on/off	TE 1020	1700
62. Water Level Indicator with probe 5 nos	AC 220Vac, L.M.H. tank level indication	TE 1050	2500
63. Phase Sequence Relay	Checks phase sequence & gives an output of correct phase	TE 1100	1700
Phase sequence Corrector Relay	Corrects the Phase sequence	TE 405	2500
64. Timer Star Delta	AC 110/220Vac, DC: 12, 24 Vdc 1-10, 3-30, 10-100 sec	TE 136	850
65. Cyclic Timer	AC 110/220Vac DC: 12, 24 Vdc On time and Off time settable 1-10, 3-30, 10-100 sec. Double knob on time, off time independently settable	TE 140D TE 140DH	1260 1350
66. Cyclic/Priming Timer	AC 110/220Vac DC: 12, 24 Vdc On time and Off time settable 1-10, 3-30, 10-100 sec. 1-4 Hours	TE 140 PT TE 140H	1400 1600
67. Toggle Relay	Two pump cyclic operation Toggle pump operation after each shutdown	TE 1120	1600
68. 2 Running+1 Stdbby timer	230VAC 60 min	TE 1421	3000
69. Photocell Relay	230VAC	TE 1201	1750
70. VAF Meter	1 ph+3 ph	TE MTR 01	2150
71. VAF Meter RPM+HR Meter	1 ph+3 ph	TE MTR 01	2400

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1. All prices are ex works.
2. Taxes and duties are extra as applicable.
3. E.D. extra 12.36% ST extra as applicable.
4. Freight & forwarding charges extra.
5. Prices are subject to change without notice.
6. For any change in specs price can be given on request.

Teknika Electronics
New Delhi, INDIA

Authorised Dealer

