

**Annexure-C**  
**Technical Specifications**

<b>Item wise Technical Specifications</b>		
Enq. Item SL.No	Item Description and Technical Specifications	Qty (Nos)
10	<p><b>RCCB, 2P, 40A</b></p> <p>Specification of RCCB:            No of Poles: 2 Pole            Nominal rating In (A): 40 A            Rated sensitivity (mA): 30mA ± 5%            Rated operating voltage: 230VAC ± 5%            short-circuit current rating: 10 kA ± 5%            overvoltage category: III supply voltage frequency / rated value: 50 Hz            protection class IP: IP20 or better            mechanical service life (switching cycles) / typical: 10000 or more            height: 90 mm ± 5%            width: 36 mm ± 5%            depth: 70 mm ± 5%            net weight 222 g ± 5%</p> <p>Reference Make / Model: Eaton / PFIM-40/2/003-A-MW            Warranty: 1 year from date of acceptance</p>	50
20	<p><b>Star-Delta Timing Relay</b></p> <p>Specification of star delta timer:            Time delay range: 0.3...30 second            Contacts type: 2 C/O timed contact            Rated supply voltage: 24...240 V AC/DC 50/60 Hz            Control type: Rotary knob, Diagnostic button            Nominal output current: 8 A or better            Mounting: DIN Rail</p> <p>Reference Make / Model: Siemens 3RP1576-1NP308K or GIC-2ASDT0            Warranty: 1 year from date of acceptance</p>	15
30	<p><b>DIGITAL WEEKLY TIME SWITCH</b></p> <p>Specification of weekly timer:            Program: Weekly, daily &amp; Holiday            Data read out: LCD display            Operating modes: Manual, automatic &amp; holiday            Operating voltage: 180 V AC - 240 V AC            Power reserve: 3 Years or more            12/24 h display formats            Mounting: DIN Rail            Output: Relay output            Contact Rating: 16A @ 240 VAC / 24 VDC (Resistive) or better</p> <p>Reference Make / Model: L&amp;T GIC / 67DDT0            Warranty: 1 year from date of acceptance</p>	15

40	<p><b>Multifunctional Timers</b></p> <p>Specification of Timers:</p> <p>Rated supply voltage: 24...240 V AC/DC 50/60 Hz  Wide Timing Range: 0.1s to 999 Hr  Digit LCD for Preset time and Run time  Functions:  1) ON Delay  2) Cyclic OFF/ON  3) Cyclic ON/OFF  4) Signal ON/OFF  5) Signal OFF Delay  6) Interval  7) Signal OFF/ON  8) One Shot Output  Output: 2 C/O relay output  Contact Rating: 8A @ 240 VAC / 24 VDC (Resistive) or better  LED Indication: Relay ON  Mounting: DIN Rail</p> <p>Reference Make / Model: L&amp;T GIC / V0DDTS  Warranty: 1 year from date of acceptance</p>	20
50	<p><b>Single Phase Preventer</b></p> <p>Specification of Single phase preventer:</p> <p>Supply Voltage: 415 VAC  Frequency: 50/60 Hz  Power consumption: 15 VA  Protects against: Phase Loss, Phase Reversal and Phase-Phase Unbalance  Output: 2 C/O Relay output  Contact Rating: 5A @ 240 VAC / 24 VDC (Resistive) or better  Mounting: DIN Rail</p> <p>Reference Make / Model: L&amp;T GIC / MA51BC  Warranty: 1 year from date of acceptance</p>	15
60	<p><b>3 Position Selector Switch SR</b></p> <p>Specification of Switch:</p> <p>3 position selector switch black color  Contacts: 1 NO+1NC  TYPE: Spring return  Contact arrangement: Screw type  Operating Voltage: 24 VDC or better  Dia-22.5mm  Rated Insulation Voltage: 600V AC/DC or better</p>	40
70	<p><b>3 Position Selector Switch Maintain</b></p> <p>Specification of Switch:</p> <p>3 position selector switch black color  Contacts: 1 NO+1NC  TYPE: Maintained  Contact arrangement: Screw type  Operating Voltage: 24 VDC or better  Dia-22.5mm  Rated Insulation Voltage: 600V AC/DC or better</p>	30

80	<p><b>3 Position Selector Switch Maintain/SR</b></p> <p>Specification of Switch:</p> <p>3 position selector actuator  Contacts: 1 NO+1NC  Type: Spring return on Left ,Right side maintained  Contact arrangement: Screw type  Operating Voltage: 24 VDC or better  Dia-22.5mm  Rated Insulation Voltage: 600V AC/DC or better</p>	20
90	<p><b>2 Position Selector Switch Maintain</b></p> <p>Specification of Switch:</p> <p>2 position selector switch black color  Contacts: 1 NO+1NC  TYPE: Maintained  Contact arrangement: Screw type  Operating Voltage: 24 VDC or better  Dia-22.5mm  Rated Insulation Voltage: 600V AC/DC or better</p>	30
100	<p><b>8 channel Relay Board</b></p> <p>Specification of Relay Board:</p> <p>No. of Channel: 8 channel  With Socket  2 Change Over  Looping Jumper Type  Output LED  Mounting DIN 35 Carrier rail  Operating Voltage: 24VDC  contact rating: 230VAC / 5 Amps or better</p>	20
110	<p><b>8 Channel SSR Board</b></p> <p>Specification of Relay Board:</p> <p>No. of Channel: 8 channel  SSR relay module with solid state relays  Input voltage - 24VDC  Output voltage - 24 VDC  Rated load current - 3A or better  Green LED of Input status  No of changeover-2 (1NO+1NC)  Jumpers provided for selection between positive/negative  looping  Freewheeling diode for polarity protection  Mounting DIN 35 Carrier rail</p>	15