



SS POWER SYSTEM
Greater Noida – (UP)

Brand : **SUBTECH**





EST. 2003

100+ Employees

Company Turnover: 8 – 10 Cr.

150+ Dealer network

Water Pump
Automation

Street Light
Automation

Generator
Automation

IEC 60529/ IS 12063

S.NO	Cl. NO.	PARAMETER & TEST CONDITIONS	TEST REQUIREMENT	MEASURED VALUE & OBSERVATION	UCM (±%)	REMARKS
1.	IEC 60529/ IS 12063	Ingress Protection Test (IP4X)	The Test Probe of Dia. 1.0 MM shall not penetrate at all and DUT shall operate satisfactory after the test	In- Compliance	NA	Satisfactory

APPROVED BY ELECTRONICS REGIONAL TEST LABORATORY (ERTL)

मोटर का सुरक्षा कवच



We are the
Manufacturers
of
**Smart Motor
Control Panels**



Single Phase & Three Phase, DOL & Star Delta upto 100 HP

All Protections for electric motors / Pumps

ना मोटर जले, **ना स्टार्टर**

INDIA'S 1st

Digital Control Panel



PMC Based Control Panel

Full Protections for your electric Motors

Why Burn Electric Motors ?



- Overload
- Single Phasing
- Unbalance Voltage
- Low / High Voltage

- **Money Loss**
- **Time Loss**
- **Working Performance loss**

Driver of Electric Motors/Pumps

Old Technology



New Technology



Concept of Control



Components for other Starters



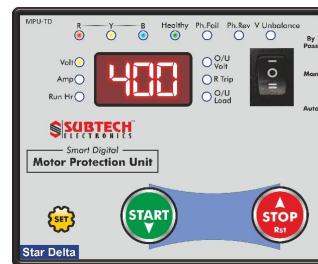
Only single MPU

3 Main Components of Smart Motor Control Panel

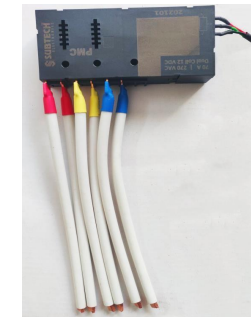
MCB



MPU



PMC



MCB - Miniature Circuit Breaker

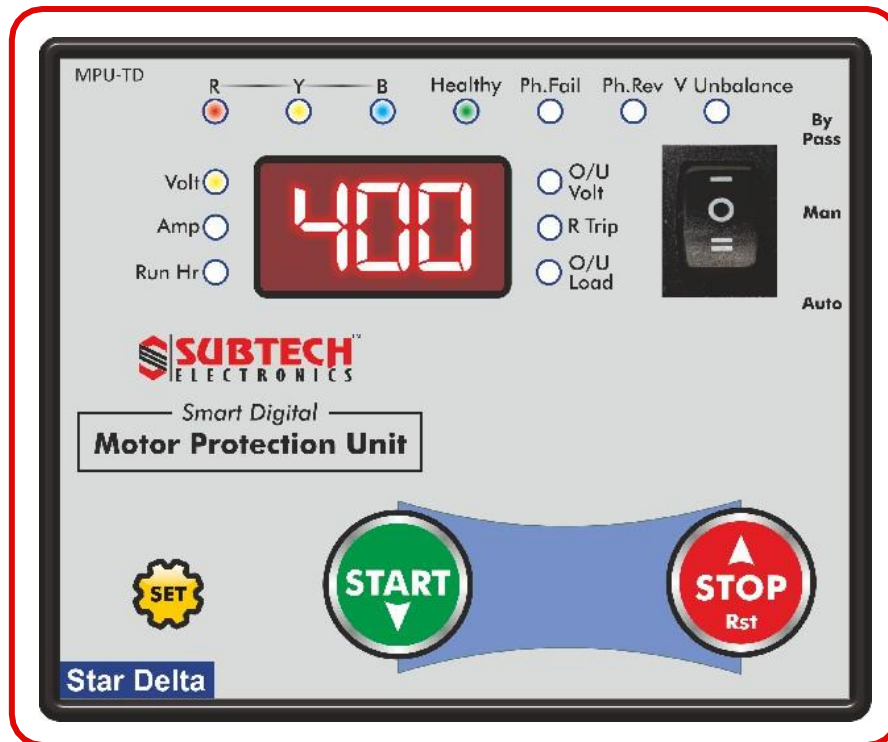


As we all know:

It automatically switches OFF electrical circuit during any “**abnormal condition**”

And we also give **Surety** that our MCB gives full reliability to protect from such *abnormal condition*

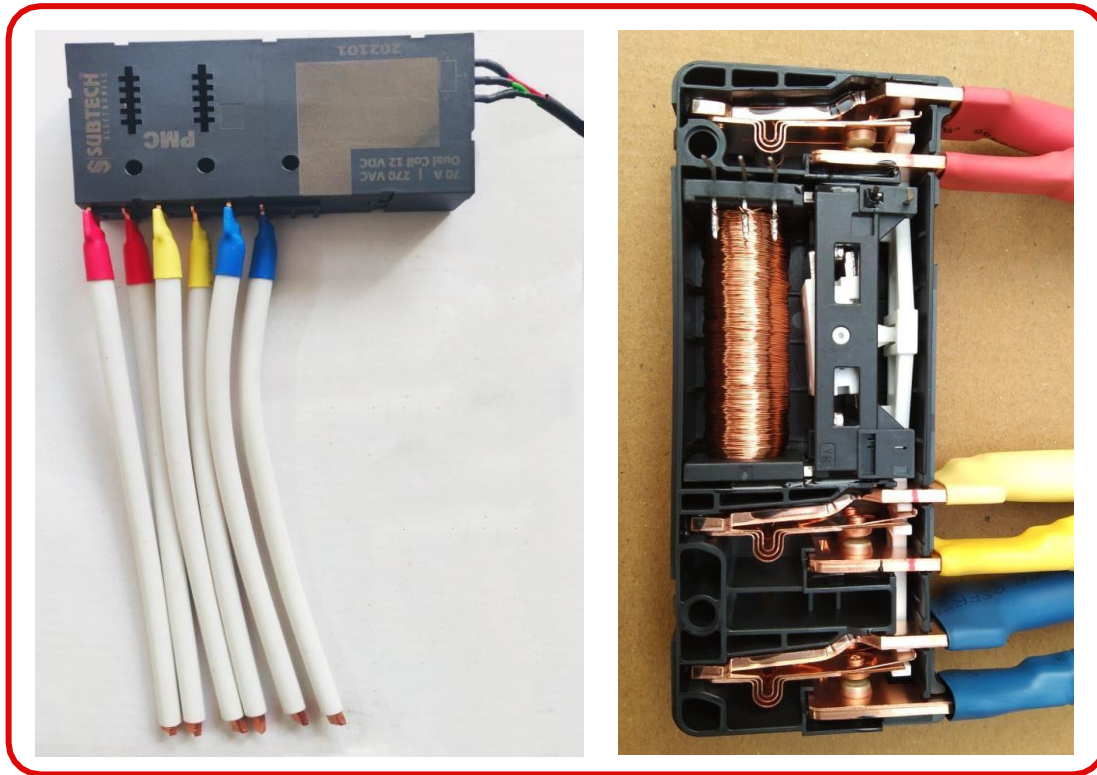
MPU – Motor Protection Unit



- ✓ Volt/Amp. Meter (Adjustable)
- ✓ Start/Stop Switch
- ✓ Auto/Manual/By Pass Switch
- ✓ Star Delta Timer
- ✓ Run Hour Meter
- ✓ Remote Trip Provision
- ✓ All Protections with Indicator

PMC – Pre Magnetic Contactor

(Smart Switching Technology)



- ✓ DC volts. operated contactor
- ✓ Zero probability for the burning of coil
- ✓ Smooth & fast Switching
- ✓ Works even well operated at high & low volts
- ✓ Wide voltage range to operate
- ✓ No chattering due to low voltage
- ✓ With 63-140 Amp Capabilities

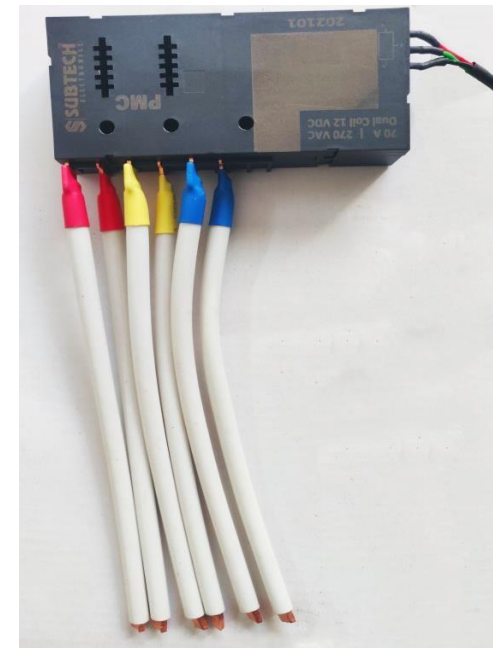
New Concept for Switching

Coil Burning due to
Low/high voltage
200-240VAC



Contactor

Coil operate can be
low/high voltage
140-480 VAC



PMC

Protections:

- ✓ Dry run cut-off
- ✓ Under voltage cut-off
- ✓ Single Phasing cut-off
- ✓ Reverse Phasing cut-off
- ✓ Overload cut-off
- ✓ Over voltage cut-off
- ✓ Phase Failure cut-off
- ✓ Voltage Unbalance cut-off

Features:

- ✓ Start Delay Time
- ✓ Running Indicator
- ✓ Digital Display
- ✓ GPSP fabricated powder coated box (*rust free*)
- ✓ Inbuilt MCB/MCCB
- ✓ Fault Indicator
- ✓ Microcontroller Based
- ✓ Auto/Manual/By pass Mode

Other Control Panel



More complaint due to
Overflow Wiring

Internal Wiring

SUBTECH

Digital Control Panel



Complaint free due to
less Wiring

Application of Panels

Industrial

Water Pump
Automation

Domestic

Street Light
Automation

Agriculture

Generator
Automation

Other Products:

Smart Motor control panel , AMF Panel, Automatic Changeover Switch, Automatic Battery Charger, Programmable Digital Timer Switch, Fire Fighting Control Panel, Auto Phase Sequence Panel, ACCL, Automatic Source Changeover, Motorized Butterfly Valve, Street Light Control Panel, APFC Panel, Sump Pump Control Panels, Water Level Controller,

Our Clients



**Gail, AMU, Air India, NTPC, DMRC, Nagar Nigam Aligarh, Nagar Nigam Varanasi,
Gujrat Bhavan, Honda, Eros, Supertech, Jaypee Group, Gulshan Homz, Ansal Housing, ATS**

Thank You 😊



S S POWER SYSTEM

(AN ISO 9001:2008 CO.)

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