



D'Mak

Empowering Your World

PRODUCT CATALOGUE



15+ YEARS OF LEGACY

150+

Team Members

15+

Year of Expertise

1,00,000 sq. ft.

of Manufacturing Area



INTRODUCTION

Established in the 21st Century "D'MAK ENERGIA PVT LTD." are engaged in Manufacturing of Switchgear, Electrical Control Panels and LED Lights. We Design and Manufacture State Of The Art Electrical Control Panel products of excellent quality, competitive price supported by a nationwide network of sales and services.

We are highly appraised by our clients and the markets for our credible quality after-service. Therefore, our products are widely applauded for having various features like excellent lighting, power saving, durability, minimum maintenance, low energy consumption and high corrosion resistance. Owing to having features like these, Our products are used in various Industries, Warehouse, Offices, Households.

D'MAK ENERGIA PVT LTD. is a leading, fullspectrum provider of professional Electrical solutions. Built on over a decade of expertise in Switchgear & Electrical Control Panels, we are your best one-stop service for differentiated product solution provider.



CONTENTS

06

ELECTRICAL CONTROL
PANEL

19

HT PANELS

09

MOTOR CONTROL
CENTER PANEL

20

SERVO VOLTAGE
STABILIZERS

11

AUTOMATIC POWER
FACTOR CONTROL
PANEL

21

ONLINE UPS

13

FEEDER SECTION
PILLAR PANEL

22

SWITCHGEARS

15

AUTOMATIC CHANGE
OVER PANEL

29

LED LIGHTS

16

HTMC PANEL

30

CERTIFICATES

17

LOAD BREAK
SWITCH PANEL

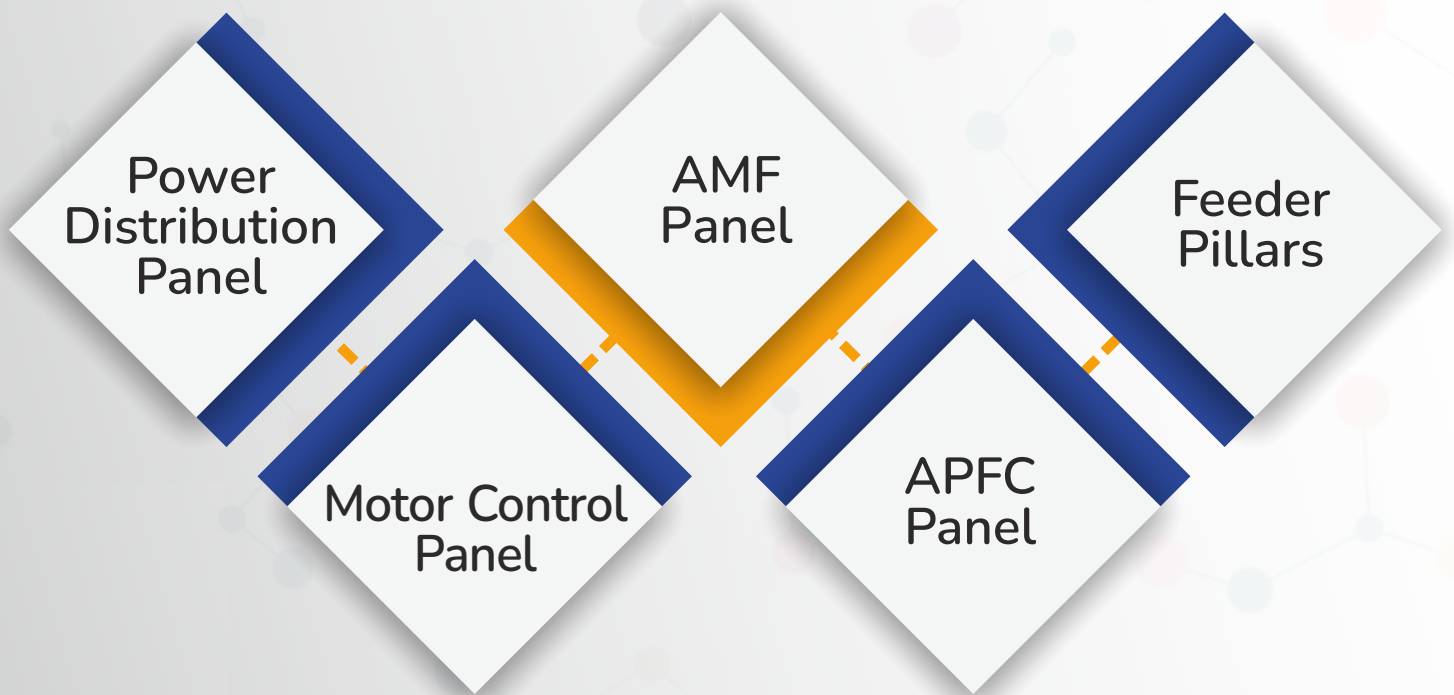
31

CLIENTS

18

RING MAIN UNIT

Electrical Control Panel





Power Distribution Panel



Power Distribution Panel

- IEC61439 Complied design / CPRI Approved
- IP20 to IP65 Ingress Protection Designs
- Application :- Indoor / Outdoor
- Floor Mounted / Stand Mounted
- Rated Voltage - 415V / 800V
- Frequency - 50Hz/60Hz
- Current Carrying Capacity - Up to 6300Amp

Application/Usage

- Factory
- Commercial Building
- Warehouses
- Process Plants

Motor Control Center Panel



Motor Control Center Panel



- IEC61439 Complied design / CPRI Approved
- VFD, Soft-Starter, Star-Delta Starters, DOL etc
- Application :- Indoor
- Floor Mounted / Stand Mounted
- Rated Voltage - 415V
- Frequency - 50Hz/60Hz
- Current Carrying Capacity - Up to 4000Amp

Application/Usage



- Process Plants
- Motor Starters

Automatic Power Factor Control Panel

- Power Factor upto 0.95 to 0.99
- Customised design step used



Application/Usage

- Process Industries
- Large Scale Factories and Inductive Loads

Automatic Power Factor Control Panel



Feeder Section Pillar Panel



Feeder Section Pillar Panel

- Outdoor Panel
- Enclosure thickness 2.5 mm
- Customized Design 4 way, 6 way etc.

Application/Usage

- Residential Schemes
- Commercial Buildings



Automatic Change Over Panel



HTMC PANEL

- Load Break Switch 630amp 21KA IS 3427/IEC 622771
- HT HRC Fuses Of Suitable Rating
- The Insulation Level Is 12/28/75 KVP
- Rated Short Time With Stand Current 21ka/3 Sec
- Rated Making Capacity 52.5KA
- Auxullary Switch, Fuse Trip & Shunt Trip Coil In Built



LOAD BREAK SWITCH PANEL

- Load Break Switch 630A, 26.3KA, triple pole, spring assisted hand operated type with quick break contacts. With earth-switch and interlock, as per IS-9920, IEC265.
- HT HRC fuses of suitable rating
- Sealing Facility Provided as per norms



RING MAIN UNIT

- Ring Main Unit is a fully enclosed, compact, factory assembled cabinet used for medium-voltage power distribution. In simple words, this is a switchgear unit that is easily replaceable, requires low maintenance, and is highly protected in nature.
- The most common versions of RMU are Extensible & Non-extensible types - 3 Function & 4 Functions. A typical 3 function RMU shall comprise of 2 x 630 Amps Load Break Switch + 1 x 200/400/630 Amps Circuit Breaker (SF-6 or Vacuum type).



HT Panels

- A VCB panel is a type of circuit breaker where the arc quenching occurs in vacuum environment. VCB technology is deal for medium voltage applications.
- VACUUM CIRCUIT BREAKER is renowned technology today and is also known as the most reliable current interruption technology for medium voltage switchgears.





SERVO VOLTAGE STABILIZER

- Servo Voltage Stabilizer detect the unexpected voltage fluctuations of the power supply and reduce or increase the voltage levels with the help of servo motors (an important component of servo stabilizers) ,and then provide a stabilized , high output voltage to the end devices.
- To ensure better cooling of the Servo Voltage stabilizers , natural air or transformer oil (IS:335) is used. Oil cooled Servo Voltage Stabilizers and Air-cooled Servo Voltage Stabilizers are the best solution for industry to avoid voltage fluctuation.

Online UPS



FEATURES

- Unity Power Factor “KVA = KW”
- High frequency on-line double conversion technology
- DSP (Digital signal processors) control technology
- Active power factor correction (APFC), Ensure input power factor up to 0.99
- High Efficiency 95% (Up to 98% in ECO mode)
- Advanced Digital Parallel Technology
- Wide input voltage range (110 V ~ 290 Vac) and frequency range (40 ~ 70 Hz)
- Auto sensing frequency 50/60 Hz
- Dual-input design supporting independent bypass
- Flexible battery configuration (settable 16-20 Nos batteries)
- High charging current available (Max. 12 A)
- Cold start
- Charging voltage and current configured by demands
- Equipped with self-aging function
- Fan speed varies intelligently with temperature, reducing noise and extending its service life
- Equipped with self-aging function
- Multi Function LCD + LED + Key operation Friendly Human Machine Interface
- Advanced multi-platform communications: RS232, USB, RS485, SNMP and dry contacts communication interfaces
- Effective software and hardware protection function, robust self-diagnostic function, and abundant event log for check
- Built-in Isolation Transformer (Optional)

SWITCHGEARS



1

AUTOMATIC TRANSFER SWITCH

MOLDED CASE CIRCUIT BREAKER

2

3

MINIATURE CIRCUIT BREAKER

POWER CONTACTOR

4

5

DIGITAL METER

EARTH LEAKAGE MCCB

6

7

MANUAL TRANSFER SWITCH

TIME SWITCH

8

9

CAP.DUTY CONTACTOR

RCCB

10

11

PROTECTION RELAYS

SPD

12

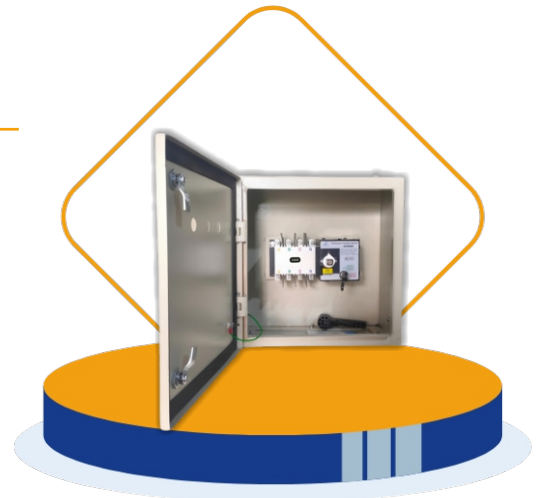


AUTOMATIC TRANSFER SWITCH

AMP.	POLE	CAT. NUMBER
63	FP	DAT4P63
100	FP	DAT4P100
125	FP	DAT4P125
160	FP	DAT4P160
250	FP	DAT4P250
400	FP	DAT4P400
630	FP	DAT4P630
800	FP	DAT4P800
1000	FP	DAT4P1000
1250	FP	DAT4P1250

AUTOMATIC TRANSFER SWITCH WITH ENCLOSURE

AMP.	POLE	CAT. NUMBER
63	FP	DAT4P63E
100	FP	DAT4P100E
125	FP	DAT4P125E
160	FP	DAT4P160E
250	FP	DAT4P250E
400	FP	DAT4P400E
630	FP	DAT4P630E



MCCB - 3 POLE

AMP.	POLE	CAT. NUMBER
100	TP	DMC3P100L
250	TP	DMC3P250L
400	TP	DMC3P400L

MCCB - 4 POLE

AMP.	POLE	CAT. NUMBER
100	FP	DMC4P100L
160	FP	DMC4P160L
250	FP	DMC4P250L
400	FP	DMC4P400L



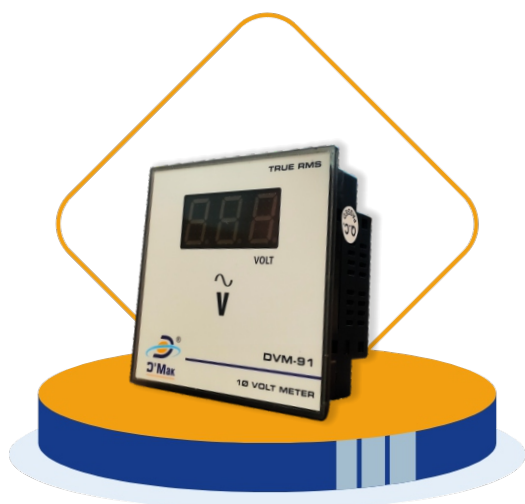


MCB

AMP.	POLE	CAT. NUMBER
6A	SP	DM1P6
20A	SP	DM1P20
32A	SP	DM1P32
32A	DP	DM2P32
32A	FP	DM4P32
63A	FP	DM4P32

POWER CONTACTOR

AMP.	POLE	CAT. NUMBER
9	TP	DPC3P9
18	TP	DPC3P18
32	TP	DPC3P32
65	TP	DPC3P65
80	TP	DPC3P80

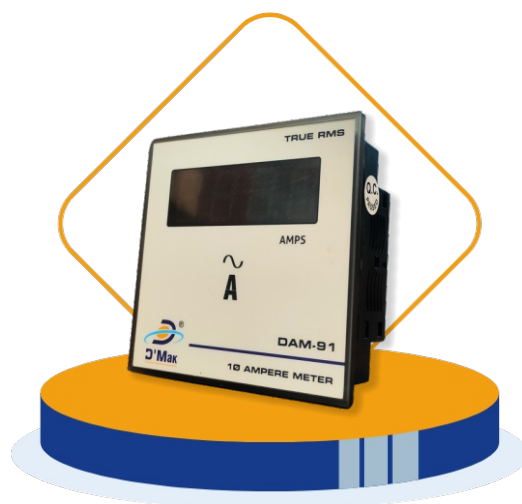


1-PH VOLTMETER

CAT. NUMBER
DVM-91

1-PH AMMETER

CAT. NUMBER
DAM-91





3-PH VAF METER

CAT. NUMBER

VIF-93

3-PH MFM METER

CAT. NUMBER

MFM-93

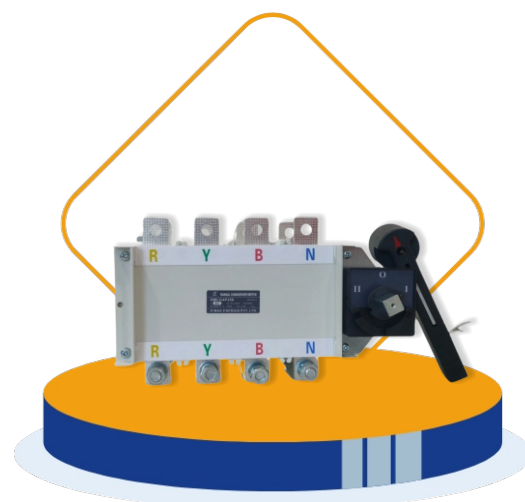


EL-MCCB (INBUILT EARTH LEAKAGE)

AMP.	POLE	CAT. NUMBER
100	FP	ELDM4P100M
250	FP	ELDM4P250M
400	FP	ELDM4P400L

MANUAL TRANSFER SWITCH

AMP.	POLE	CAT. NUMBER
100A	FP	DMCO4P100
160A	FP	DMCO4P160
200A	FP	DMCO4P200
250A	FP	DMCO4P250
400A	FP	DMCO4P400
630A	FP	DMCO4P630
800A	FP	DMCO4P800
1000A	FP	DMCO4P1000
1250A	FP	DMCO4P1250



TIME SWITCH



CAT. NUMBER

AHC15A

CAPACITOR DUTY CONTACTOR

KVAR CAT. NUMBER

12	CDC12K
20	CDC20K
30	CDC30K



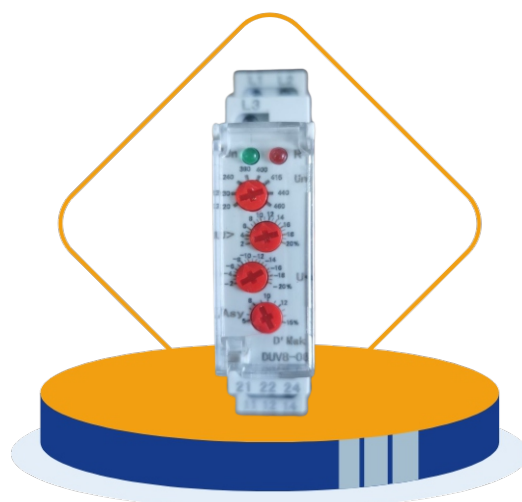
RCCB

AMP.	POLE	CAT. NUMBER
40A	DP	DR2P40
63A	FP	DR4P63

VOLTAGE PROTECTION RELAY

CAT. NUMBER

DUV8-06



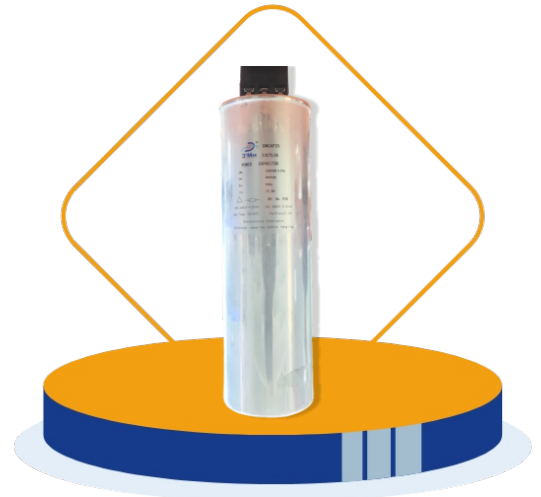


SURGE PROTECTION DEVICE

VOLT	POLE	CAT. NUMBER
385V	FP	DSP4P40

HEAVY DUTY CAPACITOR

KVAR	CAT. NUMBER
5	CDC5K
10	CDC10K
15	CDC15K
25	CDC25K



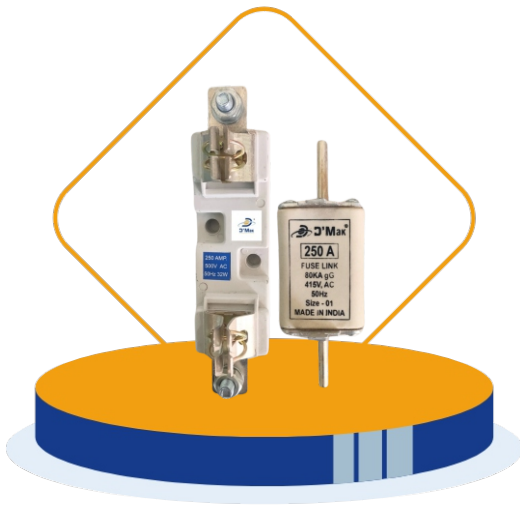
SINGLE PHASE PREVENTOR

CAT. NUMBER
XJ3

MINI ATS

AMP.	POLE	CAT. NUMBER
63A	FP	DAT4P63M
63A	FP	DAT4P63ME





FUSE + FUSE BASE

CAT. NUMBER

250A Fuse - DMF250

400A Fuse - DMF400

250A Fuse Base - DMFB250

400A Fuse Base - DMFB400

FEEDER PILLAR PANEL

AMP.	CAT. NUMBER
100	FSP100
250	FSP250
400	FSP400



100KVAR APFC PANEL

AMP.	CAT. NUMBER
100	APFC100
200	APFC200

LED LIGHTS

LED Surface Panel Light

10

LED Conceal Panel Light

1

LED Decorative Light

9

LED COB Light

2

LED Flood Light

8

LED Street Light

3

LED Highbay light

7

LED Driver

4

Metal Core PCB

6

Wires & Cables

5

POWER SAVING LEDs • ENVIRONMENT FRIENDLY • HIGH PRODUCT LONGEVITY



OUR CLIENTS



IndianOil



भा प अ के
BARC
भारत की सेवा में परमाणु
विज्ञान की सेवा के लिए



GUJARAT STATE ELECTRICITY LTD.



Way of Life!



Roads and
Buildings
Department
Government of
Gujarat



गुजरात राज्य नागरिक पुरवठा निगम ली.
अत्र, नागरिक पुरवठा प्राधिकरणी बाहत विभाग, गुजरात सरकार



GUJARAT TECHNOLOGICAL UNIVERSITY
INTERNATIONAL INNOVATIVE UNIVERSITY
Accredited with A+ grade by NAAC



CONTACT US

D'MAK ENERGIA PVT. LTD.

GSTIN - 24AAHCD7747F1ZK



E 7+8/12, Electronics Estate, K-6-Kolvada
Road Sector - 26, GIDC, Gandhinagar.



+91 81286 17689 | +91 92653 01214



sales.ip@dmakgroup.com | marketing@dmakgroup.com



dmakenergia.com | dmakindia.com