ADHUNIK

Prewired...

Go, tell the world

NATIONAL AWARD
WINNING COMPANY

ADHUNIK 32 years of excellence

President of India, Smt. Pratibha Devi Singh Patil giving
National Award
for manufacturing outstanding quality products
to Mr. Parmod Jain, Adhunik Switchgears (P.) Ltd.

Distribution Board

Distribution, Sub Distribution or Final Distribution Boards consist of
Incoming MCB/ MCCB/RCCB or RCBO
Outgoing MCBs
and one enclosure
to house all these components called Distribution Boards
All these are assembled at site

& The Need

1. Use of adequate rating in MCB
2. Proper space for loose wires
3. Proper space for wires
4. Quality/ type and size of wires for inter connections
5. Quality of accessories/ thimbles/ ferules used
6. Proper tightening of wires to avoid loose connections

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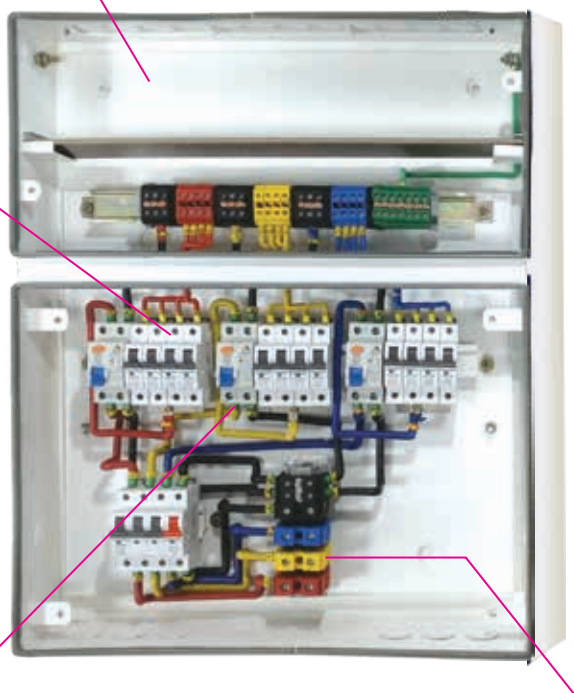
The Prewired Edge

In Built Loose Wire Box

Proper Space For Working

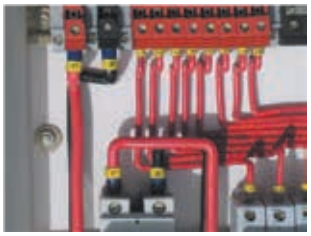
No Loose Connections
With Right Torque

All Terminals Shrouded

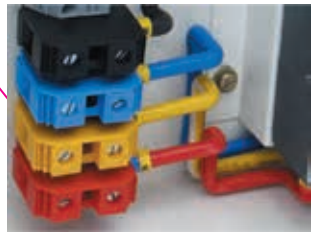


All Terminations at
Connectors

Neat & Clean -
No Jumbled Wires



Proper Colour Coding as Per
International Standards



Cassette Type Arrangement

makes possible installation, removal during construction/ repair work and reinstallation very easy

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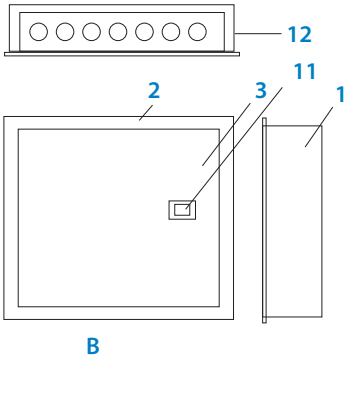
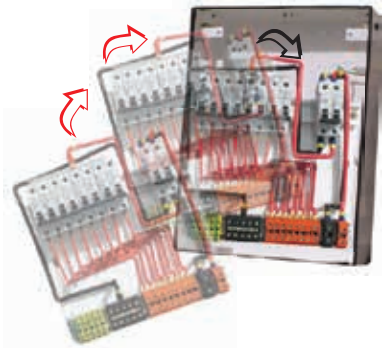
Single Phase PREWIRED Distribution Boards

1. Box
2. Shield
3. Hinged Cover
4. Earth Stud
5. Terminal Block for neutral- as per way
6. Earthing terminal block - as per way
7. Terminal block for incoming phase & neutral
8. Terminal block for outgoing circuits as per way
9. Provision for 6-63A DP MCB/RCCB/ISOLATOR as incomer
10. Provision for 6-63A SP MCB as per way for outgoing
11. Knob
12. Detachable plate with 25 mm K'out
13. Bus bar made of copper strip
14. Adequate size of wires with colour coding
15. Provision for MCB+RCCB incomer

    Also available on request





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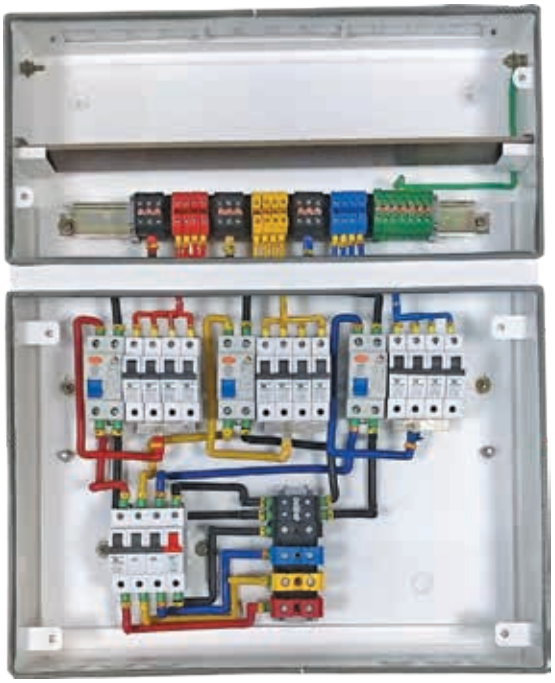
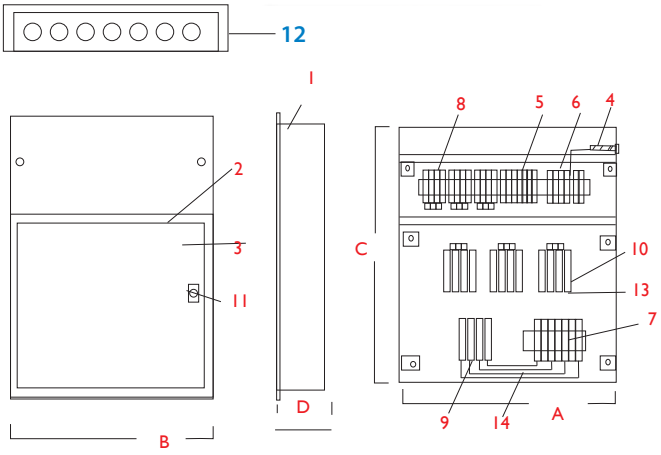
Three Phase PREWIRED Distribution Boards



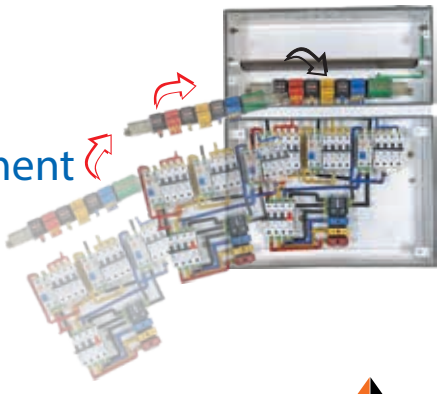
1. Box
2. Shield
3. Hinged Cover
4. Earth Stud
5. Terminal Block for neutral- as per way
6. Earthing terminal block/ Earth Bar- as per way
7. Terminal block for incoming phase & neutral
8. Terminal block for outgoing circuits as per way
9. Provision for 32-250A TP/ TP&N MCCB /MCB as incomer
10. Provision for 6-32A SP MCB as per way as outgoing
11. Knob
12. Detachable plate with 25 mm K'out
13. Bus bar made of copper strip
14. Adequate size of wires with colour coding
15. Provision for Per Phase Isolation with DP RCCB

Also available on request



Cassette Type Arrangement

makes possible installation, removal during construction/ repair work and reinstallation very easy



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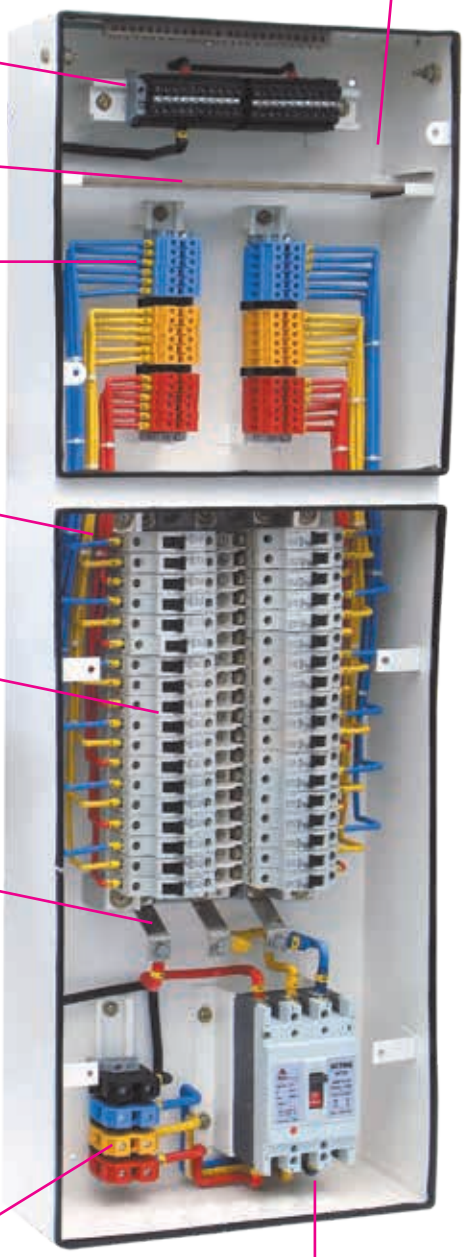
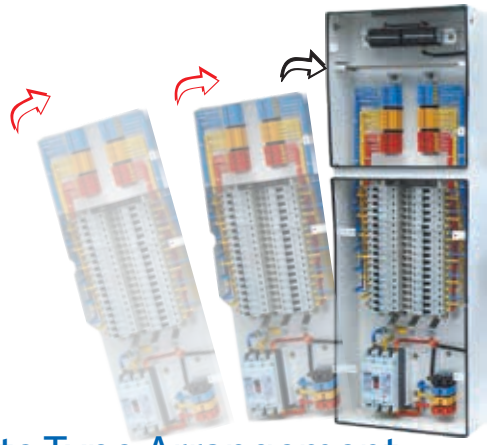
Vertical PREWIRED Distribution Boards



Truly a breakthrough product...

- Carefully engineered product with comprehensive safety arrangements
- Designed strictly within internationally accepted electrical and mechanical parameters
- All chances of loose connection done away with
- Easy cassette type arrangement for easy detachment and attachment making its use during construction work
- Coloured polymide terminal connectors for easy identification
- Latest technology based lugs and thimbles for fail safe connectivity
- Provision for back up safety arrangement through incomer MCB/ RCCB / MCCB.
- Available in single and double door versions.
- A detachable cassette is provided for safe removal of MCB/RCCB from DB without loosening the internal cable connection of Phase & Neutral Circuit
- DBs are provided with integral loose wire box for accommodating extra bunch of wires



Cassette Type Arrangement

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☹ ORDINARY DB

Distribution Boards damaged or defaced during construction

Ordinary DBs get damaged, dirty and defaced during construction with plaster, paint, cement and even water

Age old way of stud earthing

Improper and inefficient. This kind of grounding may lead to electric shocks and accidents

Inappropriate Torque

Optimum torque is not possible in case of ordinary DBs since they are assembled at site which multiply chances of fire hazards

Substandard material

When assembled at site the DBs are incorporated with material readily available which compromises the quality aspect

No care for colour coding

Because of the time constraints and availability the installer hardly gives thought to colour coding

MCB/MCCB/RCCB left unprotected

Mains directly connected to expensive safety and control equipments putting them at risk of serious and costly damage

Assembled at site

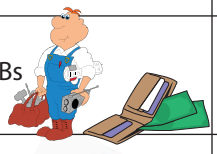
Leaves many things unattended potentially dangerous in future

Shabby interiors

Ordinary DBs dont match upto the interiors and the are tried to be hidden away from sight which compromises future repairs

A drain on pocket

The maintenance cost being high for ordinary DBs because of recurrent failure of assembled parts



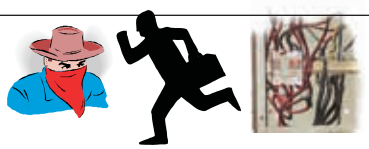
Connecting faults

Connections done at site are bound to be defective as connecting accessories like thimbles, lugs and connectors are rarely used

Jumble wires leading to confusion

For the repairs done in future

Open house for theft



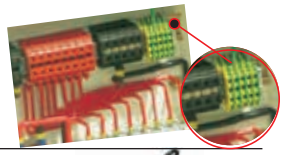
☺ PREWIRED DB

Protective poly layer on top

The poly layer is peeled off only after the completion leaving PREWIRED DB clean as new

Earthing redefined

with specialised grounding terminals



Specified Torque

Assembly at factory allows optimum torque being administered

Genuine and handpicked material

Only authentic and carefully selected material used

Proper colour coding

Factory production makes it easy to adhere to proper and normal colour coding being done

MCB/MCCB/RCCB protected with connections through connectors

thereby expensive equipments are completely safe

Precise factory produce

Carefully monitored assembly at factory

Neat interiors

Prewired gives neat presence

Saving factor

The maintenance cost considerably cut

Latest technology

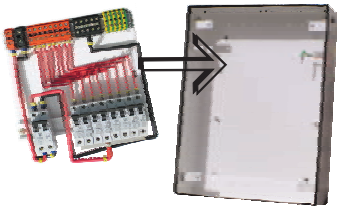
Connections through accessories like thimbles, lugs and connectors

Separate chamber

Making repairs done in future easy as separate chamber is provided for loose wires

Next generation concept

Cassette inserted only after construction is complete



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THEY APPROVE OF US

CPWD
PWD
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AFNHB
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DSIIDC
MTNL
HUDA
MHADA
DGMAP
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ISRO
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Supreme Court of India
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Udyog Bhawan
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Sena Bhawan
Transport Bhawan
Krishi Bhawan
Shastri Bhawan
Dept. Of Science & Technology
Dept. of Atomic Energy
Ordnance Factories
Hindon Air Base
R R Hospital
Cellular Jails, Port Blair
AIIMS-
Delhi, Jodhpur, Rishikesh, Patna
PGI Chandigarh, Lucknow
IIT Campus
JNU Campus
Pusa Institute of Agri. Reserach
NCERT
Redevelopment of Kidwai Nagar
Members of Parliament Housing, N. Delhi

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32 years of excellence