



POLYCAB

Connection Zindagi Ka

EXTRA SAFE

ELECTRICAL SOLUTIONS

PRODUCT RANGE CATALOGUE





About Polycab India Ltd

PIL is a leading Electricals brand with over ₹89 billion revenue. PIL is the largest manufacturer of Wires and Cables in India and one of the fastest growing players in the FMEG space. PIL manufactures and sells various types of cables, wires, electric fans, LED lighting and luminaires, switches and switchgears, solar products, pumps and conduits and accessories. Polycab caters to various public and private institutions across a diverse set of industries, as well as retail customers through its B2C business. PIL has a strong a Pan-India distribution network of over 4,100+ authorized dealers and distributors who in turn cater to over 165,000+ retail outlets. Business operations are managed through a corporate office, 4 regional offices, 16 local offices across India and over 50 warehouses located across the nation. PIL owns 23 manufacturing facilities located across the states of Gujarat, Maharashtra, Uttarakhand, and District of Daman.

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EXTRA SAFE

POLYCAB GREEN WIRE



**LONG
LASTING**



**FIRE
SAFETY**



**NON TOXIC-
LEAD FREE**



**ENERGY
EFFICIENT**



**SHOCK
PROTECTION**



BUILDING WIRES

POLYCAB GREEN WIRE (HR-FR-LSH-LF)



YOUR HOME DESERVES THE POWER OF FIVE



Fire Safety

No toxic fumes during extreme fire situation



Energy Efficient

Lower energy consumption



Long Lasting

Superior formulation that secures your investment



Non Toxic-lead Free

Keep harmful carcinogenic substances out of your home



Shock Protection


Superior insulation prevents electrical accidents

Manufactured at our highly integrated plants, at Halol and Daman, using state-of-the-art machinery, Polycab Green Wire conforms to globally accepted quality norms. Stringent tests are conducted at our in-house NABL accredited laboratories to keep out hazardous and lead contaminated raw materials. This results in a specially formulated polymer insulation that restricts the emission of any type of toxic gas making it safe for use in household and commercial applications, and giving you a host of benefits like safety, efficiency & superior performance.

POLYCAB GREEN WIRE (HR-FR-LSH-LF)

FEATURE PACKED WIRES FOR YOUR PEACE OF MIND



**FLAMESTOP**
TECHNOLOGY

REACH
COMPLIANT

99.97% HIGH
PURITY COPPER

RoHS
COMPLIANT

ANTI RODENT
PROTECTION

SPECIFICATIONS

- Flammability: **IEC 60332-1:2004**
- Minimum Bending Radius: **8D**
- Nominal Voltage (U0/U): **600/1100V**
- Max Operating Temperature: **85°C**
- Temperature Range: **-15°C TO 85°C**
- Flame Resistant: **ASTM 2863**
- Low Smoke Density Rating: **ASTM 2843**
- Low Toxicity

| NOMINAL AREA OF CONDUCTOR (SQMM) | MAX DIAMETER OF EACH STRAND (MM) | THICKNESS OF INSULATION (MM) | APPROX. OVERALL DIAMETER (MM) | CURRENT CARRYING CAPACITY (A) | RESISTANCE PER KM AT 20°C (OHMS) |
|----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------|----------------------------------|
| 0.75 | 24/0.2 | 0.6 | 2.5 | 8.4 | 26 |
| 1.0 | 14/0.3 | 0.7 | 2.8 | 14.4 | 18.1 |
| 1.5 | 22/0.3 | 0.7 | 3.1 | 19.2 | 12.1 |
| 2.5 | 36/0.3 | 0.8 | 3.8 | 26.4 | 7.41 |
| 4.0 | 56/0.3 | 0.8 | 4.4 | 34.8 | 4.95 |
| 6.0 | 84/0.3 | 0.8 | 5.2 | 44.4 | 3.3 |

POLYCAB LEAD FREE (FR-LF)



LEAD FREE WIRES FOR A SAFER, HEALTHIER LIFE

FLAMESTOP
TECHNOLOGY

REACH
COMPLIANT

99.97% HIGH
PURITY COPPER

RoHS
COMPLIANT

SPECIFICATIONS

- Flammability: **IEC 60332-1:2004**
- Minimum Bending Radius: **8D**
- Nominal Voltage (U0/U): **600/1100V**
- Max Operating Temperature: **70°C**
- Temperature Range: **-15°C TO 70°C**
- Flame Resistant: **ASTM D2863**

| NOMINAL AREA OF CONDUCTOR (SQMM) | MAX DIAMETER OF EACH STRAND (MM) | THICKNESS OF INSULATION (MM) | APPROX. OVERALL DIAMETER (MM) | CURRENT CARRYING CAPACITY (A) | RESISTANCE PER KM AT 20°C (OHMS) |
|----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------|----------------------------------|
| 0.75 | 24/0.21 | 0.6 | 2.5 | 7 | 26 |
| 1.0 | 14/0.31 | 0.7 | 2.8 | 12 | 18.1 |
| 1.5 | 22/0.3 | 0.7 | 3.1 | 16 | 12.1 |
| 2.5 | 36/0.3 | 0.8 | 3.8 | 22 | 7.41 |
| 4.0 | 56/0.3 | 0.8 | 4.4 | 29 | 4.95 |
| 6.0 | 84/0.3 | 0.8 | 5.2 | 37 | 3.3 |

POLYCAB ETIRA (FR)



LEAD FREE WIRES FOR A SAFER, HEALTHIER LIFE



99.97% HIGH PURITY COPPER

SPECIFICATIONS

- Minimum Bending Radius: 8D
- Nominal Voltage (UO/U): 600/1100V
- Max Operating Temperature: 70°C
- Temperature Range: -15°C TO 70°C
- Flame Resistant: ASTM D2863

ETIRA FR wire is best suited for applications where flexibility is of prime importance. It is also suitable for indoor installation in industries, household appliances and building electrification.

| NOMINAL AREA OF CONDUCTOR (SQMM) | MAX DIAMETER OF EACH STRAND (MM) | THICKNESS OF INSULATION (MM) | APPROX. OVERALL DIAMETER (MM) | CURRENT CARRYING CAPACITY (A) | RESISTANCE PER KM AT 20°C (OHMS) |
|----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------|----------------------------------|
| 0.75 | 24/0.21 | 0.6 | 2.2 | 7.5 | 26 |
| 1.0 | 32/0.21 | 0.6 | 2.6 | 12 | 19.5 |
| 1.5 | 30/0.26 | 0.7 | 2.9 | 16 | 13.3 |
| 2.5 | 50/0.26 | 0.8 | 3.5 | 22 | 7.98 |
| 4.0 | 56/0.31 | 0.8 | 4 | 29 | 4.95 |
| 6.0 | 84/0.31 | 0.8 | 4.5 | 37 | 3.3 |

POLYCAB SWITCHGEARS

INSTANT
TRIPPING



MCBs & Isolators



RCCB & RCBO



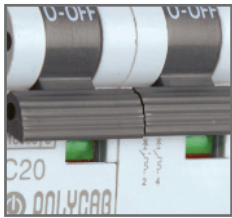
MCB Changeover & ACCL



Distribution Boards



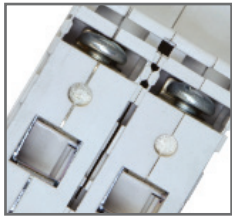
MCB FEATURES



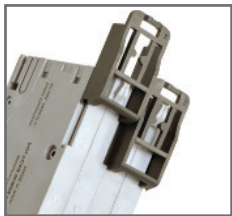
Positive Contact Position Indication:
Red and Green flag indication provided below the knob gives indication of positive electrical ON/OFF contact status irrespective of mounting or knob position even from a distance.



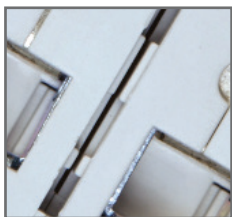
Attractive Label Holder:
Polycab MCB is provided with transparent coloured label holder which is positioned on top of the knob for inserting labels for circuit identification and hence reducing maintenance down time.



Large & Dual Terminal:
Polycab MCBs can accommodate cables upto 35sq.mm cross section area thus making it suitable for copper as well as aluminium cables. Both cable and busbar can be terminated at both the end.



Bi-stable Din Clip Position:
Convenience of mounting on Din Rail is easy with Polycab MCB. And also, the MCBs can be easily changed from a bank of devices connected by a busbar without disturbing your existing wiring.



Air Flow Channel:
When two or more poles are placed adjacent to each other, the designed depression in the body cover forms a tunnel and serves as paths for air circulation thus hot air is expelled out faster resulting in reduced body temperature.



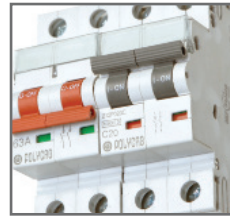
Ease of Clamping:
Input and output clamps on the MCB is provided with combi-head screws which have both the standard slot as well as double head which can be tightened by standard screwdriver as well as Philip screwdriver thus catering to tool availability.



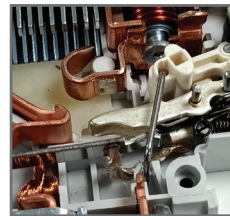
Enhanced Safety:
Finger proof terminals are designed to eliminate accidental contact with live part complying with IP20 protection category. Install, operate and maintain our MCBs with confidence.



Energy Limiting Class-3:
Rapid arc quenching mechanism in our MCB ensures extinguishing of the arc within quarter cycle (3 to 5 milliseconds) thus minimizing the energy flow through the circuit. This ensures minimizing risk of fire and maximizing the life of your equipment.



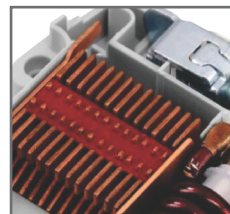
Aesthetically Designed with Safety:
Aesthetically designed Flame Retardant body ensures safety in case of accidental fire.



High Quality Contact Tips:
Silver graphite anti-weld contact tips ensure higher life and maximum safety against contact welding thus enhancing safety and life of the device.



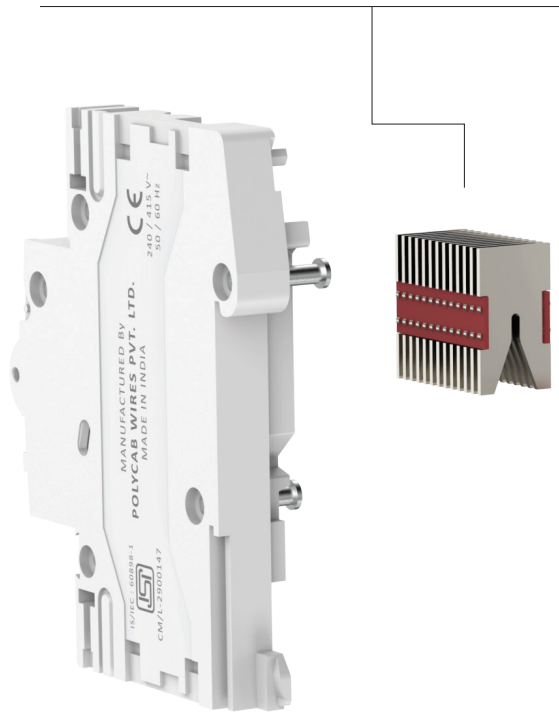
Energy Saver:
Power loss values upto 70% lesser than specified by IEC/IS; making Polyshield MCB one of the most energy efficient MCB.



13 Plates Arc Chamber:
Quick & Efficient Arc Quenching.

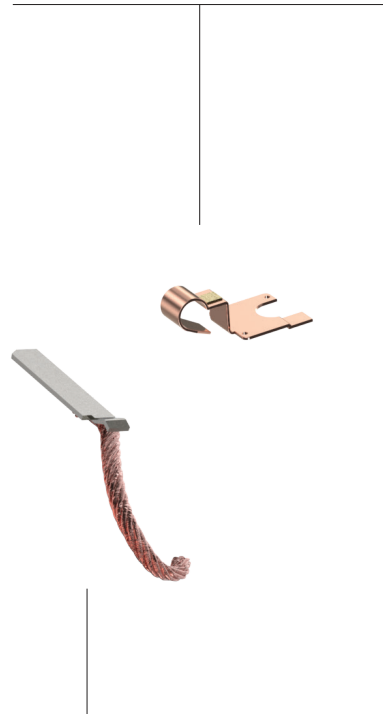
MCB EXPLODED VIEW

13 plate arc chute with Quick & efficient Arc Quenching:
Improves the electrical and mechanical life



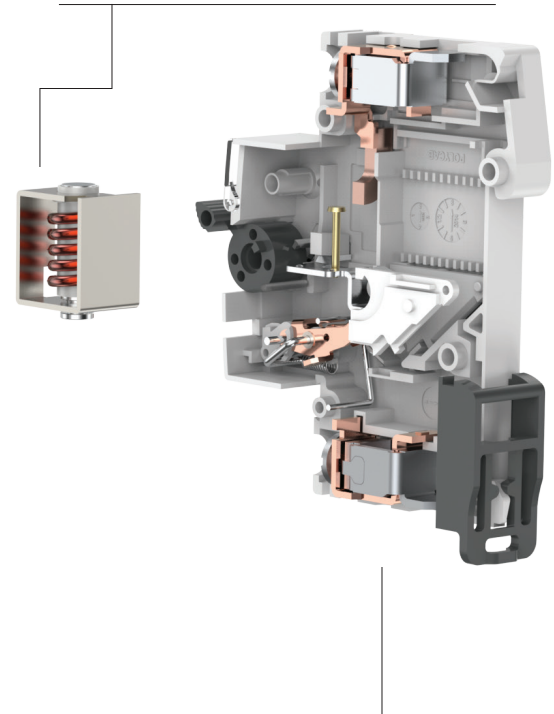
High-Grade FR Materials With
Airflow Channel:
For Safety and Durability

Anti weld Highly Durable
Contact Tip:
Ensures a better life span



Bimetallic Strip provides:
Smart protection against overload

Fast trip mechanism
confirms current limiting
class 3:
Increases System reliability



Bi connect DIN Clip &
Bi connect terminals:
Flexible and
Easy to Install

MINIATURE CIRCUIT BREAKER (MCB)

(In accordance with IS / IEC 60898-1) 240V/ 415V AC, 50Hz, 10kA Breaking Capacity



| B - Curve SP MCB | | | C - Curve SP MCB | |
|------------------|------------|------------|------------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ | Item Code | MRP/Unit ₹ |
| 6 A | GMM101P001 | 235/- | GMM201P001 | 248/- |
| 10 A | GMM101P002 | 235/- | GMM201P002 | 248/- |
| 16 A | GMM101P003 | 235/- | GMM201P003 | 248/- |
| 20 A | GMM101P004 | 235/- | GMM201P004 | 248/- |
| 25 A | GMM101P005 | 235/- | GMM201P005 | 248/- |
| 32 A | GMM101P006 | 235/- | GMM201P006 | 248/- |
| 40 A | GMM101P007 | 531/- | GMM201P007 | 543/- |
| 63 A | - | - | GMM201P008 | 633/- |



| C - Curve SPN MCB | | | C - Curve DP MCB | |
|-------------------|------------|------------|------------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ | Item Code | MRP/Unit ₹ |
| 6 A | GMM201N001 | 855/- | GMM202P001 | 871/- |
| 10 A | GMM201N002 | 855/- | GMM202P002 | 871/- |
| 16 A | GMM201N003 | 855/- | GMM202P003 | 871/- |
| 20 A | GMM201N004 | 855/- | GMM202P004 | 871/- |
| 25 A | GMM201N005 | 855/- | GMM202P005 | 871/- |
| 32 A | GMM201N006 | 855/- | GMM202P006 | 871/- |
| 40 A | GMM201N007 | 1,178/- | GMM202P007 | 1,272/- |
| 63 A | GMM201N008 | 1,392/- | GMM202P008 | 1,408/- |



| C - Curve TP MCB | | |
|------------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 6 A | GMM203P001 | 1,410/- |
| 10 A | GMM203P002 | 1,410/- |
| 16 A | GMM203P003 | 1,410/- |
| 20 A | GMM203P004 | 1,410/- |
| 25 A | GMM203P005 | 1,410/- |
| 32 A | GMM203P006 | 1,410/- |
| 40 A | GMM203P007 | 1,970/- |
| 63 A | GMM203P008 | 2,179/- |



| C - Curve TPN MCB | | | C - Curve FP MCB | |
|-------------------|------------|------------|------------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ | Item Code | MRP/Unit ₹ |
| 6 A | GMM203N001 | 1,862/- | GMM204P001 | 1,871/- |
| 10 A | GMM203N002 | 1,862/- | GMM204P002 | 1,871/- |
| 16 A | GMM203N003 | 1,862/- | GMM204P003 | 1,871/- |
| 20 A | GMM203N004 | 1,862/- | GMM204P004 | 1,871/- |
| 25 A | GMM203N005 | 1,862/- | GMM204P005 | 1,871/- |
| 32 A | GMM203N006 | 1,862/- | GMM204P006 | 1,871/- |
| 40 A | GMM203N007 | 2,467/- | GMM204P007 | 2,550/- |
| 63 A | GMM203N008 | 2,690/- | GMM204P008 | 2,784/- |

Note: Packing (Primary / Secondary / Master): SP-1 / 12 / 108; DP-1 / 6 / 54; TP-1 / 4 / 36; FP-1 / 3 / 27.

MINIATURE CIRCUIT BREAKER (MCB)

(In accordance with IS / IEC 60898-1) 240V/ 415V AC, 50Hz, 10kA Breaking Capacity



| C - Curve SP MCB | | |
|------------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 0.5A | GMM201P012 | 400/- |
| 1A | GMM201P013 | 400/- |
| 2A | GMM201P014 | 400/- |
| 3A | GMM201P015 | 400/- |
| 4A | GMM201P016 | 400/- |
| 5A | GMM201P017 | 400/- |

| C - Curve DP MCB | |
|------------------|------------|
| Item Code | MRP/Unit ₹ |
| GMM202P012 | 1,205/- |
| GMM202P013 | 1,205/- |
| GMM202P014 | 1,205/- |
| GMM202P015 | 1,205/- |
| GMM202P016 | 1,205/- |
| GMM202P017 | 1,205/- |

| C - Curve TP MCB | | |
|------------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 0.5A | GMM203P012 | 1,690/- |
| 1A | GMM203P013 | 1,690/- |
| 2A | GMM203P014 | 1,690/- |
| 3A | GMM203P015 | 1,690/- |
| 4A | GMM203P016 | 1,690/- |
| 5A | GMM203P017 | 1,690/- |

| C - Curve FP MCB | |
|------------------|------------|
| Item Code | MRP/Unit ₹ |
| GMM204P012 | 2,326/- |
| GMM204P013 | 2,326/- |
| GMM204P014 | 2,326/- |
| GMM204P015 | 2,326/- |
| GMM204P016 | 2,326/- |
| GMM204P017 | 2,326/- |

MINIATURE CIRCUIT BREAKER (MCB)

(In accordance with IS / IEC 60947-2) 240V/ 415V AC, 50Hz, 10kA Breaking Capacity

| D - Curve SP MCB | | |
|------------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 6 A | GMM301P001 | 459/- |
| 10 A | GMM301P002 | 459/- |
| 16 A | GMM301P003 | 459/- |
| 20 A | GMM301P004 | 459/- |
| 25 A | GMM301P005 | 459/- |
| 32 A | GMM301P006 | 459/- |
| 40 A | GMM301P007 | 706/- |
| 63 A | GMM301P008 | 729/- |

| D - Curve DP MCB | |
|------------------|------------|
| Item Code | MRP/Unit ₹ |
| GMM302P001 | 982/- |
| GMM302P002 | 982/- |
| GMM302P003 | 982/- |
| GMM302P004 | 982/- |
| GMM302P005 | 982/- |
| GMM302P006 | 982/- |
| GMM302P007 | 1,505/- |
| GMM302P008 | 1,576/- |

| D - Curve TP MCB | | |
|------------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 6 A | GMM303P001 | 1,588/- |
| 10 A | GMM303P002 | 1,588/- |
| 16 A | GMM303P003 | 1,588/- |
| 20 A | GMM303P004 | 1,588/- |
| 25 A | GMM303P005 | 1,588/- |
| 32 A | GMM303P006 | 1,588/- |
| 40 A | GMM303P007 | 2,287/- |
| 63 A | GMM303P008 | 2,311/- |

| D - Curve FP MCB | |
|------------------|------------|
| Item Code | MRP/Unit ₹ |
| GMM304P001 | 2,058/- |
| GMM304P002 | 2,058/- |
| GMM304P003 | 2,058/- |
| GMM304P004 | 2,058/- |
| GMM304P005 | 2,058/- |
| GMM304P006 | 2,058/- |
| GMM304P007 | 2,905/- |
| GMM304P008 | 2,964/- |

Note: Packing (Primary / Secondary / Master): SP-1 / 12 / 108; DP-1 / 6 / 54; TP-1 / 4 / 36; FP-1 / 3 / 27.

MINIATURE CIRCUIT BREAKER (MCB) for DC Installations

(In accordance with IEC 60947-2) 250Vdc per pole, 6kA Breaking Capacity



| SP MCB | | |
|-------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 0.5A | GMM401P012 | 669/- |
| 1A | GMM401P013 | 669/- |
| 2A | GMM401P014 | 669/- |
| 3A | GMM401P015 | 669/- |
| 4A | GMM401P016 | 669/- |
| 5A | GMM401P017 | 669/- |
| 6A | GMM401P001 | 554/- |
| 10A | GMM401P002 | 554/- |
| 16A | GMM401P003 | 554/- |
| 20A | GMM401P004 | 554/- |
| 25A | GMM401P005 | 554/- |
| 32A | GMM401P006 | 554/- |
| 40A | GMM401P007 | 738/- |
| 50A | GMM401P018 | 738/- |
| 63A | GMM401P008 | 738/- |

MINIATURE CIRCUIT BREAKER (MCB) for DC Installations

(In accordance with IEC 60947-2) 250Vdc per pole, 6kA Breaking Capacity

| DP MCB | | | FP MCB | |
|-------------|------------|------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ | Item Code | MRP/Unit ₹ |
| 0.5A | GMM402P012 | 1,327/- | GMM404P012 | 2,665/- |
| 1A | GMM402P013 | 1,327/- | GMM404P013 | 2,665/- |
| 2A | GMM402P014 | 1,327/- | GMM404P014 | 2,665/- |
| 3A | GMM402P015 | 1,327/- | GMM404P015 | 2,665/- |
| 4A | GMM402P016 | 1,327/- | GMM404P016 | 2,665/- |
| 5A | GMM402P017 | 1,327/- | GMM404P017 | 2,665/- |
| 6A | GMM402P001 | 1,154/- | GMM404P001 | 2,365/- |
| 10A | GMM402P002 | 1,154/- | GMM404P002 | 2,365/- |
| 16A | GMM402P003 | 1,154/- | GMM404P003 | 2,365/- |
| 20A | GMM402P004 | 1,154/- | GMM404P004 | 2,365/- |
| 25A | GMM402P005 | 1,154/- | GMM404P005 | 2,365/- |
| 32A | GMM402P006 | 1,154/- | GMM404P006 | 2,365/- |
| 40A | GMM402P007 | 1,575/- | GMM404P007 | 3,149/- |
| 50A | GMM402P018 | 1,575/- | GMM404P018 | 3,149/- |
| 63A | GMM402P008 | 1,575/- | GMM404P008 | 3,149/- |

Mini DP MINIATURE CIRCUIT BREAKER (MCB) with Enclosure

| MINI DP MCB WITH ENCLOSURE | | |
|-------------------------------------|------------|------------|
| Description | Item Code | MRP/Unit ₹ |
| 16A DP C MINI MCB with FR Enclosure | GMM102E003 | 629/- |
| 20A DP C MINI MCB with FR Enclosure | GMM102E004 | 629/- |
| 25A DP C MINI MCB with FR Enclosure | GMM102E005 | 629/- |
| 32A DP C MINI MCB with FR Enclosure | GMM102E006 | 629/- |

Note: Packing (Primary / Secondary / Master): SP-1 / 12 / 108; DP-1 / 6 / 54; FP-1 / 3 / 27.

ISOLATORS

MCB ISOLATORS

(In accordance with IS / IEC 60947-3) 240V/ 415V AC, 50Hz, AC - 22A



| SP | | |
|-------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 40A | GMS501P001 | 406/- |
| 63A | GMS501P002 | 472/- |



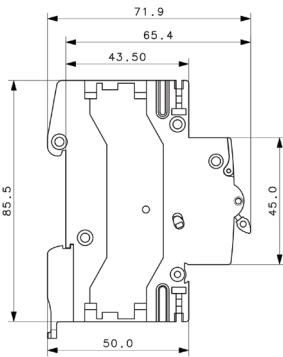
| DP | | |
|-------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 40A | GMS502P001 | 600/- |
| 63A | GMS502P002 | 735/- |
| 80A | GMS502P003 | 957/- |
| 100A | GMS502P004 | 967/- |
| 125A | GMS502P005 | 1003/- |



| TP | | | FP | |
|-------------|------------|------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ | Item Code | MRP/Unit ₹ |
| 40A | GMS503P001 | 907/- | GMS504P001 | 1,209/- |
| 63A | GMS503P002 | 1,108/- | GMS504P002 | 1,403/- |
| 80A | GMS503P003 | 1,390/- | GMS504P003 | 1,947/- |
| 100A | GMS503P004 | 1,451/- | GMS504P004 | 1,947/- |
| 125A | GMS503P005 | 1,451/- | GMS504P005 | 2,078/- |

Note: Packing (Primary / Secondary / Master): SP-1 / 12 / 108; DP-1 / 6 / 54; TP-1 / 4 / 36; FP-1 / 3 / 27.

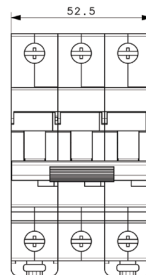
DIMENSION DETAILS OF MCB's / ISOLATORS



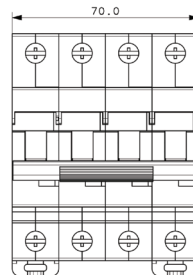
1P



1P + N & 2P

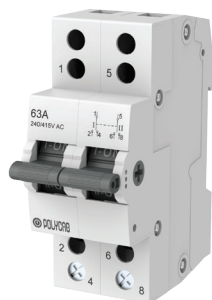


3P



3P + N & 4P

MCB CHANGEOVER



MCB Changeover Switch

(In accordance with IS/IEC 60947-3)

| DP | | |
|-------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 25A | GMC102P001 | 1,233/- |
| 40A | GMC102P002 | 1,626/- |
| 63A | GMC102P003 | 2070/- |

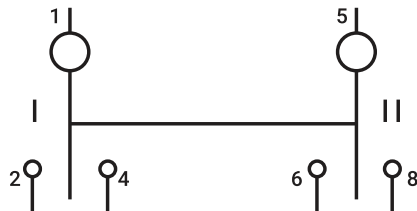


| FP | | |
|-------------|------------|------------|
| Rating (In) | Item Code | MRP/Unit ₹ |
| 25A | GMC104P001 | 2,489/- |
| 40A | GMC104P002 | 3,277/- |
| 63A | GMC104P003 | 4,190/- |

Note: Packing (Primary / Secondary / Master): DP-1 / 6 / 54; FP-1 / 3 / 27.

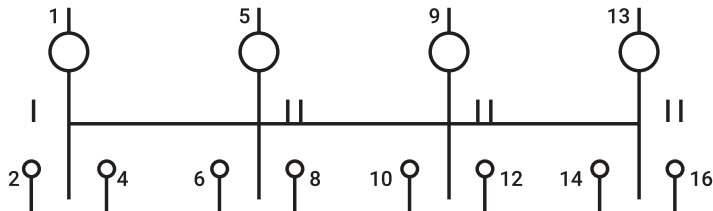
Connection Diagram

Two Pole



"I" - Incoming terminals (main supply 2 & 6)
"II" - Incoming terminals (standby supply 4 & 8)
Outgoing terminals (to load 1 & 5)
Mid position of Knob is OFF position

Four Pole



"I" - Incoming terminals (main supply 2, 6, 10 & 14)
"II" - Incoming terminals (standby supply 4, 8, 12 & 16)
Outgoing terminals (to load 1, 5, 9 & 13)
Mid position of Knob is OFF position

DOMESTIC LOAD TABLE

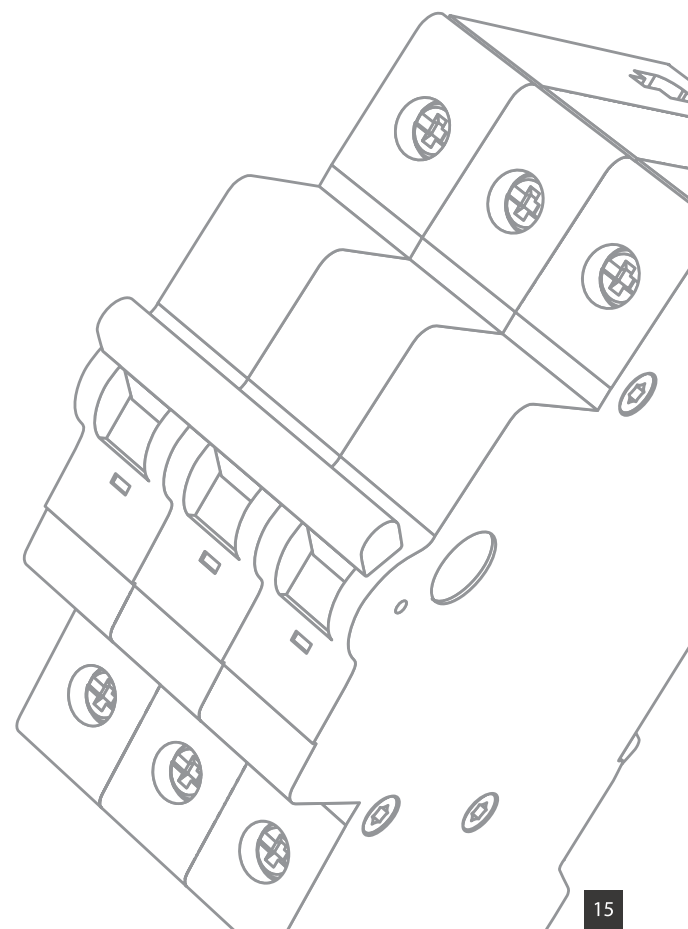
COMMON MCB APPLICATIONS

| TYPICAL DOMESTIC LOAD | | |
|-----------------------|----------------|------------|
| Items | Load / Wattage | MCB Rating |
| Fan | 60W | * |
| Lamp, Tubelight | 40W | * |
| Room Heater | 200W | 1 A |
| Water Heater | | |
| 8 ltrs | 1200-2000W | 10 A |
| 15 ltrs | 3000-4000W | 20 A |
| 60 ltrs | 4000-6000W | 32 A |
| Immersion Heater | 1000W | 6 A |
| Hot Plate-single | 1000W | 6 A |
| Iron-Non-automatic | 500W | 3 A |
| Automatic | 1000W | 6 A |
| Mixer / Juicer | 300W | 2 A |
| TV / VCR / VCP | 200W | 1 A |
| Music system | 200W | 1 A |
| Refrigerator | | |
| 165 ltrs | 400W | 3 A |
| 285 ltrs | 600W | 4 A |
| 350 ltrs | 750W | 6 A |
| Toaster | 500W | 3 A |
| Vaccum Cleaner | 400W | 3 A |
| Washing Machine | | |
| without heater | 300-1300W | 10 A |
| with heater | 5000+6300W | 32 A |
| Water Cooler | 700W | 6 A |
| Desert Cooler | 300W | 2 A |
| Oven | 750W | 6 A |
| Electric Kettle | 1500W | 7.5 A |
| Air Conditioner | | |
| 1 ton | 1000W | 10 A |
| 1.5 ton | 1500W | 16 A |
| 2 ton | 2000W | 16 A |
| Hair Dryer | 1000W | 7.5 A |
| Microwave | 800W | 6 A |

Formula for Calculation

Rating of MCB : For Single Phase = $\frac{\text{Total Load in Watts}}{220\text{Volt}}$ | For Three Phase = $\frac{\text{Total Load in Watts}}{\sqrt{3} \times 415\text{Volt}}$

- The given data is only for guidance and may vary for different manufacturer.



RCCB FEATURES



Test button

Allows you to periodically check the health of the device.



Combi-head Screw

Allows for clamping or tightening of the screws using either a flat or Philips head screwdriver.



Advance Neutral

Neutral circuit closes first while making a connection & opens last while disconnecting a circuit.

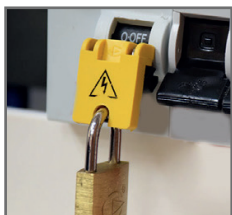


Real Trip Indicator

Provides a real indication of the RCCB tripping due to a fault in the circuit.

White - On / Off Indication

Red - Trip Indication



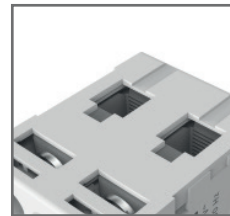
Locked Knob

Allow the unit to be locked OFF for safety while carrying out maintenance & locked ON for critical loads.



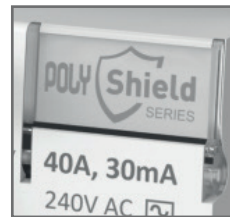
Protection from Leakage Currents

Reduced risks of fire hazards & electrocution due to leakage current from poorly insulated apparatus or faulty wires.



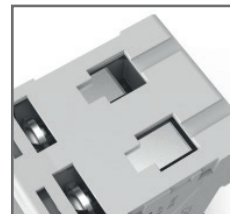
Large & Dual Termination

It accommodates cables up to 35sq.mm thus making it suitable for copper as well as aluminium cables. both cables and busbars can be terminated on either side.



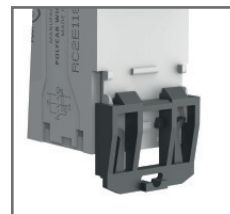
Label Holder

A transparent label holder positioned above the knob allows insertion of labels for easy circuit identification.



Safety Terminal

Terminals are equipped with a shutter to avoid wrong wire entry during installation.



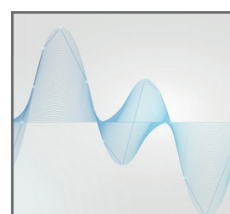
Easy Extraction

A unique mounting assembly allows removal of the unit without disturbing other devices or having to dismantle the busbar.



Cooler Operation

A specially designed depression forms a tunnel when units are installed adjacent to each other allowing hot air to be expelled faster, resulting in a lower body temperature.



Operates Irrespective of Supply Voltage

The unit protects against earth leakages & faults irrespective of the supply voltage due to the RCCBs electromechanical design

RCCB APPLICATION



RCCBs can be used in a wide array of applications. Selection is based on the degree of protection required and current sensitivities.

- 30mA RCCB

For protection against direct contact or electrical shocks

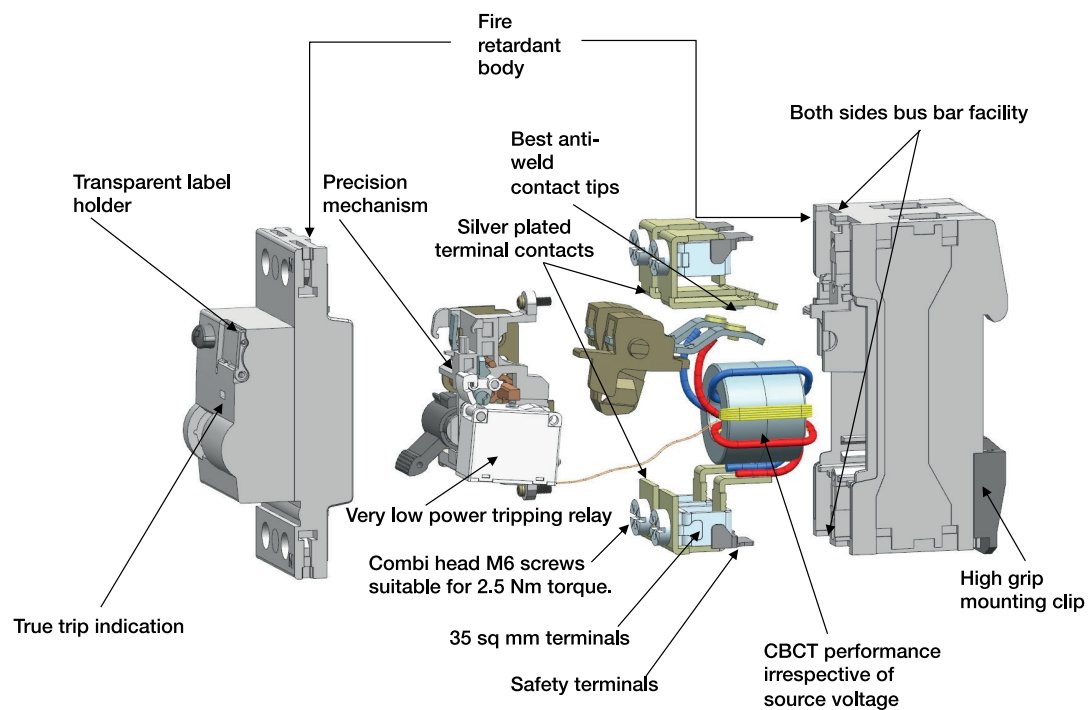
- 100mA RCCB

For protection against indirect contact, in large or old installations where natural leakage is high

- 300mA RCCB

For protection against fire, insulation faults in commercial & industrial installations

INTERNAL VIEW RCCB



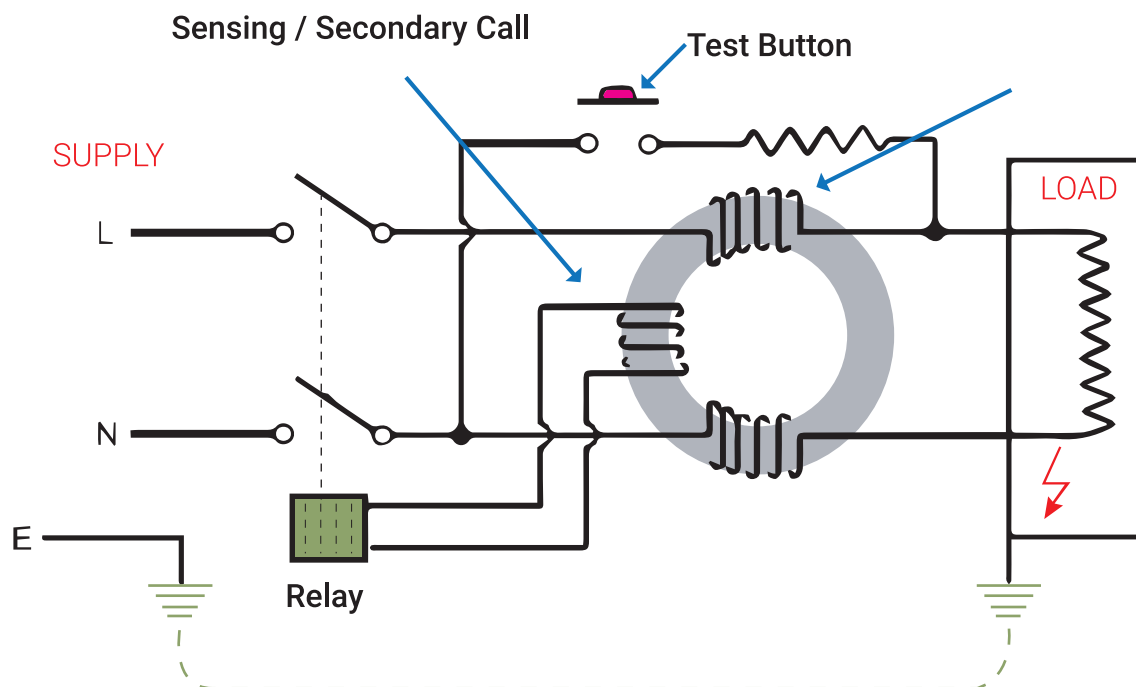
WORKING PRINCIPAL RCCB

Polyshield's Residual Current Circuit Breaker(RCCB) offers protection against earth leakage or earth fault. It is to be used in association with miniature circuit breakers and its function is to detect earth leakage current and open the connected circuit to protect people and equipment. These devices are designed to meet the earth leakage standards - IS-12640-1 & IEC/EN 61008-1.

WORKING PRINCIPLE

Polycab PolyShield RCCB works on the current balance principle. The supply conductors, i.e. the phases & neutral, are passed through a toroid and form the primary windings of a current transformer. Its secondary winding is connected to a highly sensitive electromagnetic trip relay, which operates the trip mechanism. In a healthy circuit the vector sum of the current in phases and neutral is equal to zero. If there is any Earth Leakage/ Earth Fault in the load circuit the vector sum of current is non-zero and an imbalance in the current is detected by the CBCT secondary. The CBCT secondary is connected to a relay which operates the RCCB mechanism and the load is interrupted from the supply.

The functioning of PolyShield RCCBs is independent of line voltage. It is an electromechanical device & hence its functioning does not require auxiliary power for self operation.



RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)

RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)

(In accordance with IS 12640-1, IEC 61008-1)

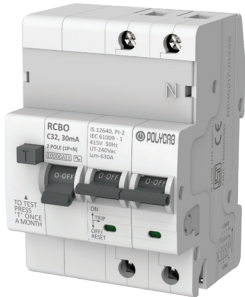


| DP | | | |
|-------------|-------------|------------|------------|
| Rating (In) | Sensitivity | Item Code | MRP/Unit ₹ |
| 25A | 30mA | GMR502P003 | 3,075/- |
| 25A | 100mA | GMR502P009 | 3,182/- |
| 25A | 300mA | GMR502P015 | 3,182/- |
| 40A | 30mA | GMR502P005 | 3,407/- |
| 40A | 100mA | GMR502P011 | 3,467/- |
| 40A | 300mA | GMR502P017 | 3,467/- |
| 63A | 30mA | GMR502P006 | 4,333/- |
| 63A | 100mA | GMR502P012 | 4,381/- |
| 63A | 300mA | GMR502P018 | 4,381/- |

| FP | | | |
|-------------|-------------|------------|------------|
| Rating (In) | Sensitivity | Item Code | MRP/Unit ₹ |
| 25A | 30mA | GMR504P003 | 4,025/- |
| 25A | 100mA | GMR504P009 | 4,096/- |
| 25A | 300mA | GMR504P015 | 4,096/- |
| 40A | 30mA | GMR504P005 | 4,108/- |
| 40A | 100mA | GMR504P011 | 4,179/- |
| 40A | 300mA | GMR504P017 | 4,179/- |
| 63A | 30mA | GMR504P006 | 4,571/- |
| 63A | 100mA | GMR504P012 | 4,630/- |
| 63A | 300mA | GMR504P018 | 4,630/- |

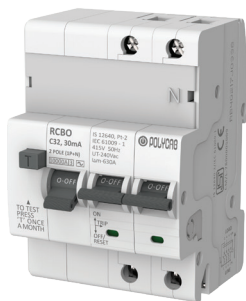
RESIDUAL CURRENT CIRCUIT BREAKER WITH OVER CURRENT PROTECTION (RCBO)

(In accordance with IS 12640-2, IEC 61009-1)



| DP | | | |
|-------------|-------------|------------|------------|
| Rating (In) | Sensitivity | Item Code | MRP/Unit ₹ |
| 6A | 30mA | GMB101N001 | 4,286/- |
| 6A | 100mA | GMB201N001 | 4,446/- |
| 6A | 300mA | GMB301N001 | 4,446/- |
| 10A | 30mA | GMB101N002 | 4,286/- |
| 10A | 100mA | GMB201N002 | 4,446/- |
| 10A | 300mA | GMB301N002 | 4,446/- |
| 16A | 30mA | GMB101N003 | 4,286/- |
| 16A | 100mA | GMB201N003 | 4,446/- |
| 16A | 300mA | GMB301N003 | 4,446/- |
| 20A | 30mA | GMB101N004 | 4,286/- |
| 20A | 100mA | GMB201N004 | 4,446/- |
| 20A | 300mA | GMB301N004 | 4,446/- |
| 25A | 30mA | GMB101N005 | 4,286/- |
| 25A | 100mA | GMB201N005 | 4,446/- |
| 25A | 300mA | GMB301N005 | 4,446/- |

RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)



| | | | |
|-----|-------|------------|---------|
| 32A | 30mA | GMB101N006 | 4,286/- |
| 32A | 100mA | GMB201N006 | 4,446/- |
| 32A | 300mA | GMB301N006 | 4,446/- |
| 40A | 30mA | GMB101N007 | 4,600/- |
| 40A | 100mA | GMB201N007 | 4,725/- |
| 40A | 300mA | GMB301N007 | 4,725/- |
| 63A | 30mA | GMB101N008 | 5,520/- |
| 63A | 100mA | GMB201N008 | 5,639/- |
| 63A | 300mA | GMB301N008 | 5,639/- |

Note: Packing (Primary / Secondary / Master): DP-1 / 6 / 36 ; FP - 1 / 3 / 18.

RESIDUAL CURRENT CIRCUIT BREAKER WITH OVER CURRENT PROTECTION (RCBO)

(In accordance with IS 12640-2, IEC 61009-1)



| FP | | | |
|-------------|-------------|------------|------------|
| Rating (In) | Sensitivity | Item Code | MRP/Unit ₹ |
| 6A | 30mA | GMB103N001 | 5,592/- |
| 6A | 100mA | GMB203N001 | 5,081/- |
| 6A | 300mA | GMB303N001 | 5,081/- |
| 10A | 30mA | GMB103N002 | 5,592/- |
| 10A | 100mA | GMB203N002 | 5,081/- |
| 10A | 300mA | GMB303N002 | 5,081/- |
| 16A | 30mA | GMB103N003 | 5,592/- |
| 16A | 100mA | GMB203N003 | 5,081/- |
| 16A | 300mA | GMB303N003 | 5,081/- |
| 20A | 30mA | GMB103N004 | 5,592/- |
| 20A | 100mA | GMB203N004 | 5,081/- |
| 20A | 300mA | GMB303N004 | 5,081/- |
| 25A | 30mA | GMB103N005 | 5,592/- |
| 25A | 100mA | GMB203N005 | 5,081/- |
| 25A | 300mA | GMB303N005 | 5,081/- |
| 32A | 30mA | GMB103N006 | 5,592/- |
| 32A | 100mA | GMB203N006 | 5,081/- |
| 32A | 300mA | GMB303N006 | 5,081/- |
| 40A | 30mA | GMB103N007 | 5,663/- |
| 40A | 100mA | GMB203N007 | 5,378/- |
| 40A | 300mA | GMB303N007 | 5,378/- |
| 63A | 30mA | GMB103N008 | 6,090/- |
| 63A | 100mA | GMB203N008 | 6,227/- |
| 63A | 300mA | GMB303N008 | 6,227/- |

Note: Packing (Primary / Secondary / Master): 1 / NA / 8.

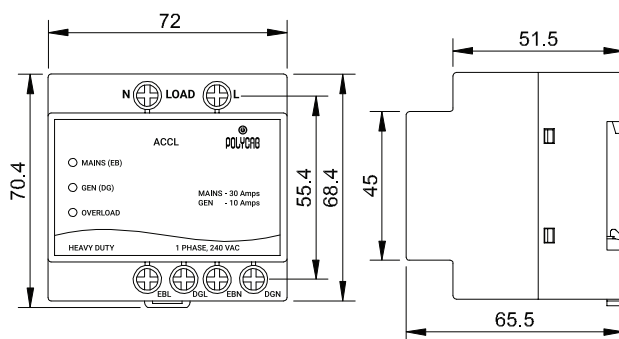
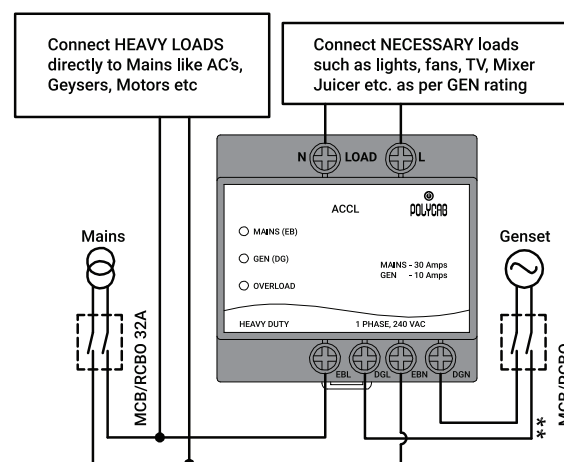
AUTOMATIC CHANGEOVER WITH CURRENT LIMITER (ACCL)

(In accordance with IEC 60947-3, IEC60947-6) 240V, 50Hz & Conditional short circuit current 5kA



| SINGLE PHASE ACCL | | | |
|----------------------------|-------------------|------------|------------|
| ACCL Genset Current Rating | ACCL Main Current | Item Code | MRP/Unit ₹ |
| 0.5A | 30A | GMC30SP005 | 3,105/- |
| 1A | 30A | GMC30SP010 | 3,105/- |
| 1.5A | 30A | GMC30SP015 | 3,105/- |
| 2.5A | 30A | GMC30SP025 | 3,105/- |
| 3A | 30A | GMC30SP030 | 3,105/- |
| 4A | 30A | GMC30SP040 | 3,105/- |
| 5A | 30A | GMC30SP050 | 3,105/- |
| 6A | 30A | GMC30SP060 | 3,105/- |
| 8A | 30A | GMC30SP080 | 3,105/- |
| 9A | 30A | GMC30SP090 | 3,105/- |
| 10A | 30A | GMC30SP100 | 3,105/- |
| 15A | 30A | GMC30SP150 | 3,105/- |
| 20A | 30A | GMC30SP200 | 3,105/- |
| 25A | 30A | GMC30SP250 | 3,105/- |
| 30A | 30A | GMC30SP300 | 3,105/- |

Note: Packing (Primary / Secondary / Master): 1 / NA / 18.

Overall Mechanical Dimensions**Recommended Load Connections****SALIENT FEATURES**

- **Safe** : IP20 protection and environment friendly FR body material
- **Technical Superiority** : Unique Contactor based technology, break before make changeover contact with higher air gap
- **Convenient** : Auto Reset Facility
- **Reliable** : Conditional short circuit current capacity 5kA
- **Low Power Consumption** : Power consumed is less than 0.2VA during Mains supply & 15VA during generator operation
- **Long Life** : 25,000 Electrical Operations
- **Heavy Duty** : Utilisation category AC22A (IEC 60947-3) & AC32A (IEC 60947-6)
- **Compact** : Can be fitted with Polycab MCB range DIN Rail mounted
- **Alert** : Overload indication on Genset side by LED and BEEP

POLYCAB DISTRIBUTION BOX



Designed to suit
your interiors



Protection from
dust and water



Optimized
dimensions with
removable
top & bottom
gland plates



DISTRIBUTION BOARDS



MCB ENCLOSURE

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)
(RAL - 9003 fine white texture)

| In sheet steel, suitable for 2P/4P devices | | | |
|--|--------------|------------|-------------|
| No. of Ways | No. of Poles | Item Code | MRP/ Unit ₹ |
| 2W | DP | GPDSN10002 | 510/- |
| 4W | FP | GPDTN10002 | 570/- |



MCB ENCLOSURE (Plastic)

(In accordance with IS 13032, IS 8623)

| Description | Item Code | MRP/ Unit ₹ |
|--------------------------------|------------|-------------|
| 1/2 Pole MCB Plastic Enclosure | GPDSN1P002 | 123/- |
| 3/4 Pole MCB Plastic Enclosure | GPDSN1P004 | 196/- |



PLUG & SOCKETS DISTRIBUTION BOARD

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)
(RAL - 9003 fine white texture)

| Plug & Socket Board, with Metal Plug & Socket, 1P+N/3P & Earth | | | |
|--|--------------|------------|-------------|
| Rating | No. of Poles | Item Code | MRP/ Unit ₹ |
| 20A | SP | GPDPS10006 | 1,093/- |
| 20A | DP | GPDPS10004 | 1,531/- |
| 20A | TP | GPDPS10005 | 2,038/- |
| 30A | TP | GPDPS20003 | 3,370/- |

Note: Packing (Primary / Master): SPN (4 Way / 6 Way / 8 Way) - 1 / 6, SPN (12 Way / 16 Way) - 1 / 4.

MCB EXPLODED VIEW

SPN DISTRIBUTION BOARD

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)
(RAL - 9003 fine white texture, IP 30 - Single Door DB)



| SPN Distribution Board (Suitable for DP Incoming and SP Outgoing) | | |
|---|-----------------------|------------|
| No. of Ways | Item Code Single Door | MRP/Unit ₹ |
| 4W | GPDSN10016 | 1,203/- |
| 6W | GPDSN10017 | 1,332/- |
| 8W | GPDSN10018 | 1,439/- |
| 12W | GPDSN10019 | 1,949/- |
| 16W | GPDSN10020 | 2,412/- |

TPN DISTRIBUTION BOARD

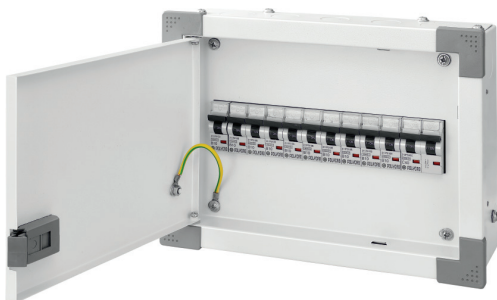
(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)
(RAL - 9003 fine white texture, IP 30 - Single Door DB)



| TP&N Distribution Board (Suitable for FP Incoming and SP Outgoing) | | | |
|--|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Single Door | MRP/Unit ₹ |
| 4W | 4 + 12 | GPDTN10031 | 3,475/- |
| 4W | 8 + 12 | GPDTN10032 | 3,538/- |
| 6W | 8 + 18 | GPDTN10033 | 4,224/- |
| 8W | 8 + 24 | GPDTN10034 | 4,862/- |
| 12W | 8 + 36 | GPDTN10030 | 6,322/- |

SPN DISTRIBUTION BOARD

(RAL - 9003 fine white texture, IP 42 - Double Door DB)



| SPN Distribution Board (Suitable for DP Incoming and SP Outgoing) | | |
|---|-----------------------|------------|
| No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | GPDSN20016 | 1,839/- |
| 6W | GPDSN20012 | 2,130/- |
| 8W | GPDSN20017 | 2,323/- |
| 12W | GPDSN20018 | 2,844/- |
| 16W | GPDSN20019 | 3,751/- |

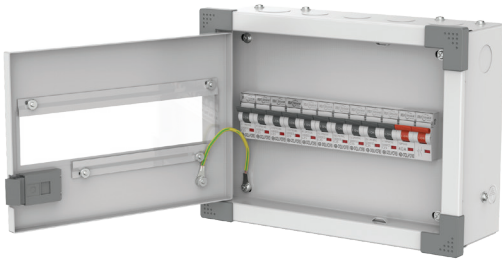
Note: Packing (Primary / Master): SPN (4 Way / 6 Way / 8 Way) - 1 / 6, SPN (12 Way / 16 Way) - 1 / 4.



TPN DISTRIBUTION BOARD

(RAL - 9003 fine white texture, IP 42 - Double Door DB)

| TPN Distribution Board (Suitable for FP Incoming and SP Outgoing) | | | |
|---|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 4 + 12 | GPDTN20064 | 4,477/- |
| 4W | 8 + 12 | GPDTN20065 | 4,695/- |
| 6W | 8 + 18 | GPDTN20066 | 5,675/- |
| 8W | 8 + 24 | GPDTN20067 | 7,154/- |
| 12W | 8 + 36 | GPDTN20068 | 10,919/- |



SPN ACRYLIC DISTRIBUTION BOARD

(RAL - 9003 fine white texture, IP 42 - Double Door DB)

| SPN Distribution Board (Suitable for DP Incoming and SP Outgoing) | | |
|---|-----------------------|------------|
| No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | GPDSN30006 | 2,125/- |
| 6W | GPDSN30007 | 2,566/- |
| 8W | GPDSN30008 | 2,863/- |
| 12W | GPDSN30009 | 3,549/- |
| 16W | GPDSN30010 | 4,744/- |



TPN ACRYLIC DISTRIBUTION BOARD

(RAL - 9003 fine white texture, IP 42 - Double Door DB)

| TPN Distribution Board (Suitable for FP Incoming and SP Outgoing) | | | |
|---|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Single Door | MRP/Unit ₹ |
| 4W | 4 + 12 | GPDTN30006 | 5,834/- |
| 4W | 8 + 12 | GPDTN30007 | 6,275/- |
| 6W | 8 + 18 | GPDTN30008 | 7,885/- |
| 8W | 8 + 24 | GPDTN30009 | 10,228/- |
| 12W | 8 + 36 | GPDTN30010 | 12,537/-- |

Note: Packing (Primary / Master): SPN (4 Way / 6 Way / 8 Way) - 1 / 6, SPN (12 Way / 16 Way) - 1 / 4.

TPN VERTICAL DISTRIBUTION BOARD

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)
RAL - 9003 fine white texture, IP 42 - Double Door DB



| TPN Vertical Distribution Board (Suitable for FP Incoming and SP / TP Outgoing) | | | |
|---|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 8 + 12 | GPDTN20069 | 12,279/- |
| 6W | 8 + 18 | GPDTN20070 | 13,755/- |
| 8W | 8 + 24 | GPDTN20071 | 15,348/- |
| 12W | 8 + 36 | GPDTN20072 | 19,910/- |

TPN PPI HORIZONTAL DISTRIBUTION BOARD

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)
RAL - 9003 fine white texture, IP 42 - Double Door DB



| TP&N Distribution Board, Per Phase Isolated Neutral (Suitable for FP Incoming and SP Outgoing) | | | |
|--|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 8 + 6 + 12 | GPDTN20077 | 7,029/- |
| 6W | 8 + 6 + 18 | GPDTN20078 | 9,070/- |
| 8W | 8 + 6 + 24 | GPDTN20079 | 10,803/- |
| 12W | 8 + 6 + 36 | GPDTN20080 | 13,063/- |

TPN PPI VERTICAL DISTRIBUTION BOARD

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)
RAL - 9003 fine white texture, IP 42 - Double Door DB



| TP&N Distribution Board, Per Phase Isolated Neutral (Suitable for FP Incoming and SP Outgoing) | | | |
|--|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 8 + 6 + 12 | GPDTN20046 | 6,786/- |
| 6W | 8 + 6 + 18 | GPDTN20047 | 9,793/- |
| 8W | 8 + 6 + 24 | GPDTN20048 | 14,359/- |
| 12W | 8 + 6 + 36 | GPDTN20049 | 17,862/- |

FLEXY TIER DISTRIBUTION BOARD

Flexibilty of choosing Incomer & Outgoing as per your requirement, RAL - 9003 fine white texture, IP 42 - Double Door DB



| Distribution Board, With Total Installation Flexibility | | | |
|---|----------------|-----------------------|------------|
| No. of Ways | No. of Modules | Item Code Double Door | MRP/Unit ₹ |
| 2 Row of 12 Mod | 24 | GPDTN20052 | 4,804/- |
| 3 Row of 12 Mod | 36 | GPDTN20053 | 6,308/- |
| 4 Row of 10 Mod | 40 | GPDTN20054 | 7,892/- |
| 4 Row of 14 Mod | 56 | GPDTN20055 | 8,882/- |

TPN PHASE SELECTOR (VERTICAL)

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)

RAL - 9003 fine white texture, IP 42 - Double Door DB



| Suitable for 8 Way Incomer and SP Outgoing with Rotary Switches (Manual Operated) | | | |
|---|-------------|-----------------------|------------|
| Selector Rating | No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 40A | 4 Way | GPDTN30021 | 13,639/- |
| 63A | 4 Way | GPDTN30022 | 16,143/- |
| 40A | 6 Way | GPDTN30023 | 13,868/- |
| 63A | 6 Way | GPDTN30024 | 16,160/- |
| 40A | 8 Way | GPDTN30025 | 15,427/- |
| 63A | 8 Way | GPDTN30026 | 17,150/- |

TPN DISTRIBUTION BOARD, 7 SEGMENT

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)

RAL - 9003 fine white texture, IP 42 - Double Door DB



| Suitable for FP Incoming and SP Outgoing with Provision of DP RCCB Protection | | | |
|---|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 8 + 6 + 12 | GPDTN20073 | 11,269/- |
| 6W | 8 + 6 + 18 | GPDTN20074 | 13,451/- |
| 8W | 8 + 6 + 24 | GPDTN20075 | 17,254/- |
| 12W | 8 + 6 + 36 | GPDTN20076 | 18,927/- |

TPN DISTRIBUTION BOARD, 8 SEGMENT

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)

RAL - 9003 fine white texture, IP 42 - Double Door DB



| Suitable for FP Incoming and SP Outgoing with Provision of DP RCCB Protection | | |
|---|-----------------------|------------|
| No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | GPDTN20083 | 11,530/- |
| 6W | GPDTN20084 | 13,763/- |
| 8W | GPDTN20085 | 17,651/- |
| 12W | GPDTN20086 | 19,366/- |

TV TEL DISTRIBUTION BOARD

(In accordance with IS 13032, IS 8623, IEC / BSEN 61439-3)

RAL - 9003 fine white texture, IP 42 - Double Door DB



| SPN Distribution Board (Suitable for DP Incoming and SP Outgoing) | | | TPN Distribution Board (Suitable for FP Incoming and SP Outgoing) | | |
|---|-----------------------|------------|---|-----------------------|------------|
| No. of Ways | Item Code Double Door | MRP/Unit ₹ | No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 6W | GPDSN40001 | 5,167/- | 4W | GPDTN40001 | 9,524/- |
| 8W | GPDSN40002 | 5,711/- | 6W | GPDTN40002 | 10,885/- |
| 12W | GPDSN40003 | 6,528/- | 8W | GPDTN40003 | 11,834/- |
| 16W | GPDSN40004 | 7,209/- | 12W | GPDTN40004 | 12,926/- |

Note: Provision for TV Splitter and Telephone Crone (Without TV Splitter & Telephone Crone).

DISTRIBUTION BOARDS

SAFETY AND COMFORT, NOW JUST A CLIQ AWAY

Polycab provides the most attractive design when it comes to Distribution Boards. Polycab Cliq Distribution Boards meet all the requirements of modern installation for domestic, commercial or industrial applications. Fabricated with utmost precision and passion The enclosures in Polycab Cliq Distribution Boards are forged from the finest quality steel which gives it a strong build and a flawless finish. The distribution boards are supplied with duly fitted Din Channel, Neutral Link, Earth Bar and Bus Bar along with detachable gland plates. So that the MCBs of desired number and rating can be fitted conveniently at site. Overall Polycab Cliq Distribution boards are a complete package that makes your wall looks classy and premium.



 **Polycarbonate
Transparent Cover**

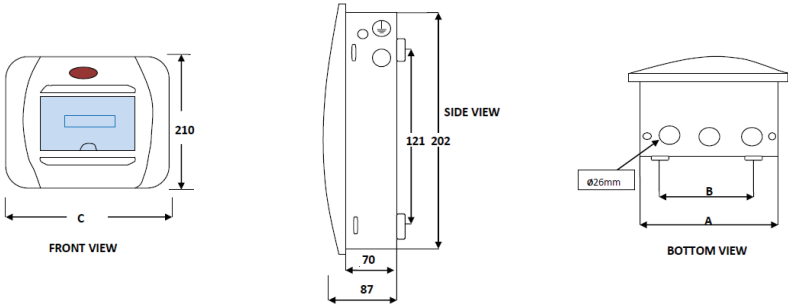
 **IP 42 Protection**

 **Incoming Power
Source Indication**

 **Pressing to
Open Lock**

Polyshield CLIQ
SPN Consumer Distribution Board

| No. of Ways | NOS OF MCB | CODE | MRP/Unit ₹ |
|-------------|---------------|------------|------------|
| 6W | I/C +O/G : 6 | GPDSN50007 | 1,959/- |
| 8W | I/C +O/G : 8 | GPDSN50008 | 2,242/- |
| 12W | I/C +O/G : 12 | GPDSN50009 | 2,698/- |
| 16W | I/C +O/G : 16 | GPDSN50010 | 3,011/- |



| No. of Ways | A | B | C |
|-------------|-----|-----|-----|
| 6 | 205 | 130 | 214 |
| 8 | 258 | 184 | 268 |
| 12 | 322 | 254 | 338 |

Note: Packing (Primary / Master): 1 / 6



DECOUR DISTRIBUTION BOARDS

Polycab Designer Distribution Boards are used for the supply and control of electric installations.

More analytically they are used for

- Separating the installation in various circuits in proportion of the installed load.
- Better protection of circuits.
- Maintenance purpose, so that the rest of the circuits are not effected.
- Each circuit can be individually isolated to have uninterrupted performance under fault condition.



SALIENT FEATURES

- Plain Corner with Elegant Look
- Improved Designer Knob
- IP 43 protection with Gasket on door
- Optimise Dimension
- 180 Deg Door Opening

SPN DISTRIBUTION BOARD, DECOUR - GREY WHITE
(In accordance with IS 13032, IS 8632, IS 8623, IED / BSEN 61439-3)
RAL - 9003 grey white, IP 43 - Double Door DB



| SPN Decour Distribution Board (Suitable for DP Incoming and SP Outgoing) | | |
|--|-----------------------|------------|
| No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | GPDSN29W11 | 2,097/- |
| 6W | GPDSN29W12 | 2,429/- |
| 8W | GPDSN29W13 | 2,649/- |
| 12W | GPDSN29W14 | 3,243/- |
| 16W | GPDSN29W15 | 4,278/- |

DECOUR DISTRIBUTION BOARDS



TPN DISTRIBUTION BOARD, DECOUR - GREY WHITE

(In accordance with IS 13032, IS 8632, IS 8623, IED / BSEN 61439-3)
RAL - 9003 grey white, IP 43 - Double Door DB

| TPN Decour Distribution Board (Suitable for FP Incoming and SP Outgoing) | | | |
|--|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 8 + 12 | GPDTN29W41 | 5,210/- |
| 6W | 8 + 18 | GPDTN29W42 | 6,298/- |
| 8W | 8 + 24 | GPDTN29W43 | 7,939/- |
| 12W | 8 + 36 | GPDTN29W44 | 12,118/- |

SPN DISTRIBUTION BOARD, DECOUR - WOODEN TEXTURE

(In accordance with IS 13032, IS 8632, IS 8623, IED / BSEN 61439-3)
RAL - 9003 wooden texture, IP 43 - Double Door DB

| SPN Decour Distribution Board (Suitable for DP Incoming and SP Outgoing) | | |
|--|-----------------------|------------|
| No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | GPDSN29D11 | 2,727/- |
| 6W | GPDSN29D12 | 3,157/- |
| 8W | GPDSN29D13 | 3,444/- |
| 12W | GPDSN29D14 | 4,215/- |
| 16W | GPDSN29D15 | 5,561/- |



TPN DISTRIBUTION BOARD, DECOUR - WOODEN TEXTURE

(In accordance with IS 13032, IS 8632, IS 8623, IED / BSEN 61439-3)
RAL - 9003 wooden texture, IP 43 - Double Door DB

| TPN Decour Distribution Board (Suitable for FP Incoming and SP Outgoing) | | | |
|--|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 8 + 12 | GPDTN29D41 | 6,773/- |
| 6W | 8 + 18 | GPDTN29D42 | 7,558/- |
| 8W | 8 + 24 | GPDTN29D43 | 9,527/- |
| 12W | 8 + 36 | GPDTN29D44 | 13,936/- |

DECOUR DISTRIBUTION BOARDS



SPN DISTRIBUTION BOARD, DECOUR - GOLDEN PASSION TEXTURE

(In accordance with IS 13032, IS 8632, IS 8623, IED / BSEN 61439-3)
RAL - 9003 golden passion texture, IP 43 - Double Door DB

| SPN Decour Distribution Board (Suitable for DP Incoming and SP Outgoing) | | |
|--|-----------------------|------------|
| No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | GPDSN29G11 | 2,727/- |
| 6W | GPDSN29G12 | 3,157/- |
| 8W | GPDSN29G13 | 3,444/- |
| 12W | GPDSN29G14 | 4,215/- |
| 16W | GPDSN29G15 | 5,561/- |

TPN DISTRIBUTION BOARD, DECOUR - GOLDEN PASSION TEXTURE

(In accordance with IS 13032, IS 8632, IS 8623, IED / BSEN 61439-3)
RAL - 9003 golden passion texture, IP 43 - Double Door DB

| TPN Decour Distribution Board (Suitable for FP Incoming and SP Outgoing) | | | |
|--|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 8 + 12 | GPDTN29G41 | 6,773/- |
| 6W | 8 + 18 | GPDTN29G42 | 7,558/- |
| 8W | 8 + 24 | GPDTN29G43 | 9,527/- |
| 12W | 8 + 36 | GPDTN29G44 | 13,936/- |



SPN DISTRIBUTION BOARD, DECOUR - MARBLE TEXTURE

(In accordance with IS 13032, IS 8632, IS 8623, IED / BSEN 61439-3)
RAL - 9003 marble texture, IP 43 - Double Door DB

| SPN Decour Distribution Board (Suitable for DP Incoming and SP Outgoing) | | |
|--|-----------------------|------------|
| No. of Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | GPDSN29M11 | 2,727/- |
| 6W | GPDSN29M12 | 3,157/- |
| 8W | GPDSN29M13 | 3,444/- |
| 12W | GPDSN29M14 | 4,215/- |
| 16W | GPDSN29M15 | 5,561/- |

DECOUR DISTRIBUTION BOARDS



TPN DISTRIBUTION BOARD, DECOUR - MARBLE TEXTURE
(In accordance with IS 13032, IS 8632, IS 8623, IED / BSEN 61439-3)
RAL - 9003 marble texture, IP 43 - Double Door DB

| TPN Decour Distribution Board (Suitable for FP Incoming and SP Outgoing) | | | |
|--|----------------|-----------------------|------------|
| No. of Ways | I/C + O/G Ways | Item Code Double Door | MRP/Unit ₹ |
| 4W | 8 + 12 | GPDTN29M41 | 6,773/- |
| 6W | 8 + 18 | GPDTN29M42 | 7,558/- |
| 8W | 8 + 24 | GPDTN29M43 | 9,527/- |
| 12W | 8 + 36 | GPDTN29M44 | 13936/- |

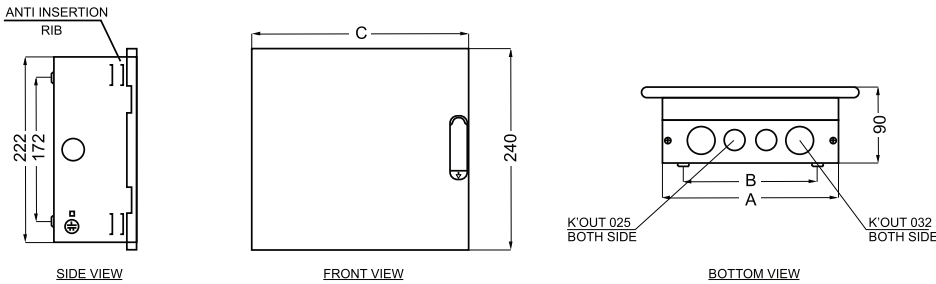
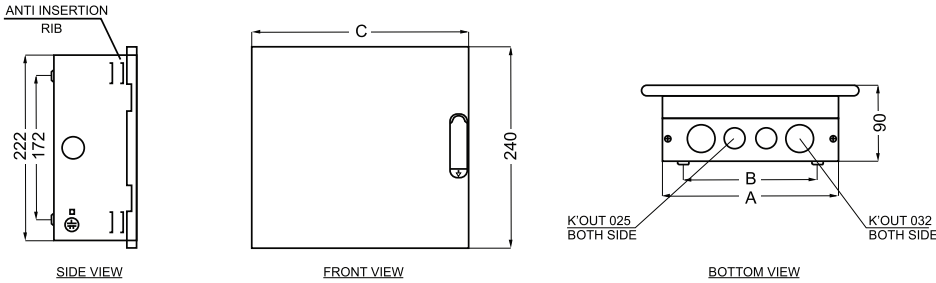
Note: Packing (Primary / Master): SPN (4 Way / 6 Way / 8 Way) - 1 / 6, SPN (12 Way / 16 Way) - 1 / 4.

GA DRAWINGS FOR -
SPN DECOUR DB: IPN - 43 (Double Door)

| WAY | A | B | C | D |
|-----|-----|-----|-----|-----|
| 04 | 175 | 125 | 223 | 72 |
| 06 | 210 | 160 | 258 | 108 |
| 08 | 247 | 197 | 296 | 144 |
| 12 | 317 | 267 | 365 | 216 |
| 16 | 391 | 341 | 439 | 288 |

GA DRAWINGS FOR -
TPN DECOUR DB: IP-43 (Double Door)

| WAY | A | B | C | D |
|-----|-----|-----|-----|-----|
| 04 | 315 | 245 | 360 | 72 |
| 06 | 350 | 280 | 393 | 108 |
| 08 | 400 | 340 | 442 | 144 |
| 12 | 560 | 490 | 602 | 216 |



DECOUR T BOX DISTRIBUTION BOARDS

Design To Match Your Decour

Polycab Decour T Box is a new age distribution board driven with innovation and technology. Its unique design ensures a smooth supply of power flow and distribution in homes, Offices and industries. Polycab Decour T Box distribution board comes with a transparent cover and elegant look. It also has a raised neutral bar that ensures flexibility and safety enabling safe and efficient distribution of electricity. These boards come with Top & Bottom Detachable Gland Plate with Specially designed plastic knockout which is easy to install and perfectly fits and matches interiors of your home and office spaces.



Safe



Fresh look



Flexible



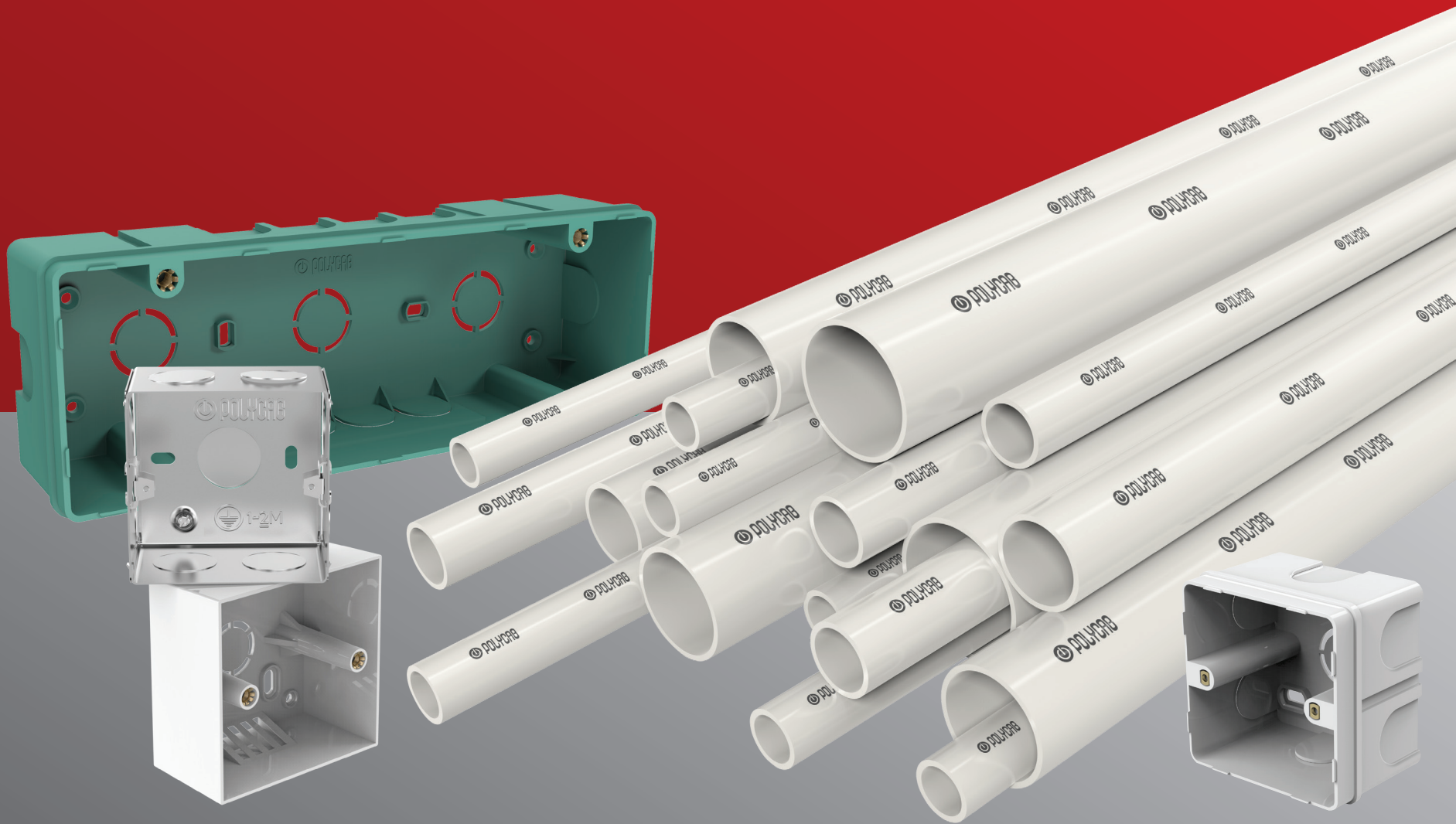
Easy to use

Decour T Box
Transparent SPN Double Door DB

| No. of Ways | NOS OF MCB | CODE | MRP / Unit ₹ |
|-------------|-------------|------------|--------------|
| 8W | I/C+OG : 8 | GPDSN29T13 | 2,935/- |
| 11W | I/C+OG : 11 | GPDSN29T16 | 3,622/- |
| 14W | I/C+OG : 14 | GPDSN29T17 | 4,509/- |
| 19W | I/C+OG : 19 | GPDSN29T18 | 5,248/- |

Note: Packing (Primary / Master): 1 / 6

POLYCAB uPVC CONDUITS & CONCEALED BOX



CONDUITS

POLYCAB CONDUITS SPECIFICATION

Polycab is an ISO 9001:2015 certified organization. POLYCAB CONDUITS & FITTINGS are manufactured in accordance with Indian Standards viz. IS:9537 P3 and IS:3419 respectively.

COLOR

Polycab conduits and fittings are available in three different colors.

BLACK

IVORY

GREY

DIMENSIONS OF uPVC CONDUIT IS : 9537 PART 3

| NOMINAL SIZE MM | OUTSIDE DIAMETER MM | TOLERANCE ON OUTSIDE DIAMETER MM | INSIDE DIAMETER (MIN) MM | | |
|--------------------|------------------------|--|--------------------------|--------|-------|
| | | | LIGHT | MEDIUM | HEAVY |
| 20 | 20 | - 0.3 | 17.4 | 16.9 | 15.8 |
| 25 | 25 | - 0.4 | 22.1 | 21.4 | 20.6 |
| 32 | 32 | - 0.4 | 28.6 | 27.8 | 26.6 |
| 40 | 40 | - 0.4 | 35.8 | 35.4 | 34.4 |
| 50 | 50 | - 0.5 | 45.1 | 44.3 | 43.2 |

THE INVISIBLE HEROES

A faithful Companion To Polycab wires are the Polycab uPVC conduits and pipes. Made only from the highest grade of waterproof and fire-resistant polymers these are absolutely essential for protecting electrical wire and ensuring greater safety to every electrical circuit.



uPVC CONDUITS AND FITTINGS



CIRCULAR BOX
TERMINAL (1 WAY)



DEEP CIRCULAR BOX
TERMINAL (1 WAY)



CIRCULAR BOX
INTERSECTION (4 WAY)



DEEP CIRCULAR BOX
INTERSECTION (4 WAY)



SADDLE STRAP



CIRCULAR BOX
THROUGH (2 WAY)



DEEP CIRCULAR BOX
THROUGH (2 WAY)



SLIP TYPE
BEND LONG



SLIP TYPE
BEND LONG



DEEP CIRCULAR BOX
ANGLE (2 WAY)



CIRCULAR BOX
ANGLE (2 WAY)



INSPECTION BEND



BENDING SPRING



CIRCULAR BOX
TEE (3 WAY)



SLIP TYPE BEND
NORMAL



DEEP CIRCULAR BOX
TEE (3 WAY)



FAN BOX
(LARGE)



FAN BOX
WITH ROD



INSPECTION
ELBOW



ROUND TEE



REDUCERS COUPLER
(PIPE TO PIPE)



COUPLER

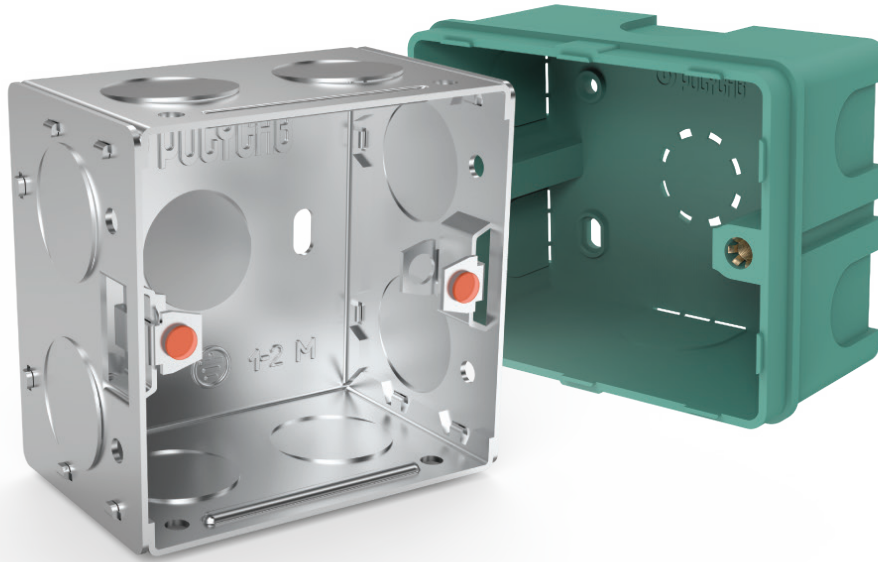


CIRCULAR LID 65 WITH
SCREWS



SPACE BAR SADDLE
& SADDLE STRAP

METAL CONCEALED PLASTIC SURFACE BOXES



FEATURES

- Complete range available with standard sizes.
- Plastic surface boxes made of engineered plastic for long life and better strength.
- Edge to Edge fitment with our modular plates.
- Metal concealed boxes are made from G.I sheet with premium Matt Finish.
- Standard Gauge or thickness of 0.9mm for lower modules and 1mm for higher modules.
- Locking structure to provide strength and no rusting as there is no spot welding used.
- Smooth floating clamp for ease of installation.
- Earthing provision for Electrical Safety
- Single punch, knock out for ease of installation

EXPERTS PROGRAM

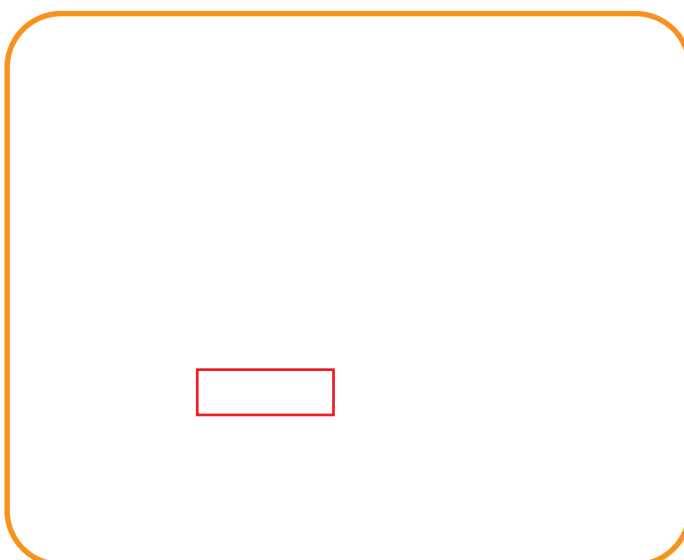


POLYCAB EXPERTS PROGRAM

Loyalty program for
electricians & retailers

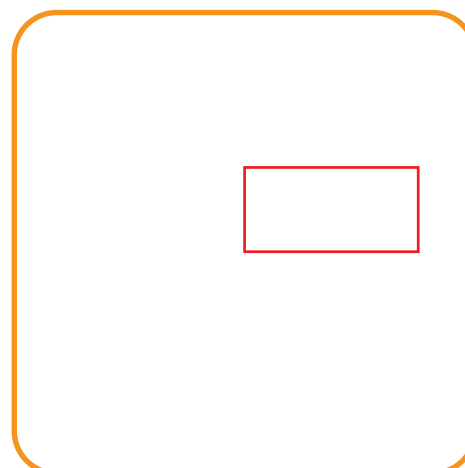


SCAN THE QR CODE
TO INSTALL THE APP



Retailers Loyalty Code

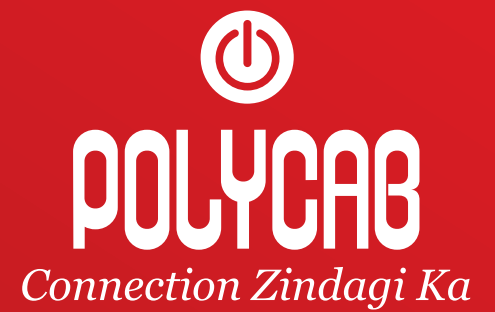
Electrician Loyalty Code



**Loyalty Code locations
for electricians & retailers**

NOTES

NOTES



Corporate Office:
POLYCAB INDIA LIMITED

(formerly known as 'Polycab Wires Limited')

Polycab House, 771, Mogul Lane, Mahim (W), Mumbai - 400 016, Maharashtra, India. Tel: 91-22-2432 7070-4, 6735 1400

We are just a call away to answer all your queries!

Call: 1800-267-0008 **Timing:** 9:30 am to 6:30 pm (Monday - Saturday) **Email:** customercare@polycab.com

WHATSAPP: 73044 85540

www.polycab.com | email: enquiry@polycab.com | toll free no.: 1800 267 0008

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