

Protection

that responds in
an instant.

When electrical safety matters the most,
trust protection that performs instantly.





ABOUT US

At V-MARC India Limited, we are built on a strong foundation of quality, safety, and innovation. Recognized as one of India's trusted wire and cable manufacturers, we offer a wide range of electrical solutions, including wires and cables, switchgear, switches, and fans. With a presence across 24+ states, our robust distribution network enables us to deliver reliable products to homes, industries, and infrastructure projects across the country.



OUR GROWTH JOURNEY

Since establishing our manufacturing facility in Haridwar in 2006 under the leadership of Mr. Vikas Garg, V-MARC has steadily expanded its product portfolio. The launch of our IPO in 2021 marked a key milestone, reflecting our commitment to growth and excellence.



INNOVATION AT THE CORE

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GROWING OUR RANGE

As part of our growth, V-MARC has expanded beyond wires and cables to offer a complete range of electrical products, including switches, switchgear, and fans—moving towards becoming a comprehensive electrical solutions provider.

OUR RANGE OF ELECTRICAL PROTECTION

MCB

Guards against overloads and short circuits, the first line of protection for every circuit in your installation.



RCCB

Detects earth leakage currents in under 20 milliseconds, protecting people from potentially fatal electric shocks.



ISOLATOR

Provides a visible, safe break in the circuit, essential for maintenance, repairs, and system upgrades.



DISTRIBUTION BOARD

Organises and distributes power across multiple circuits, the nerve centre of any electrical installation.

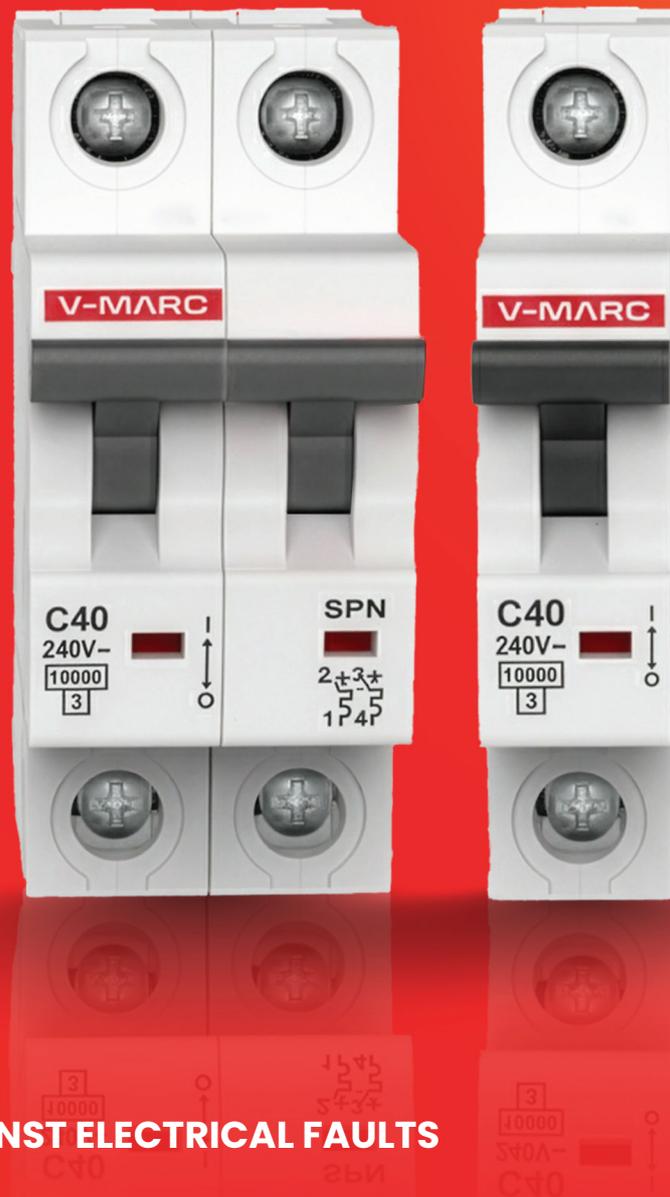


What sets V-Marc apart?

- **Precision Engineering at Every Price Point:** V-Marc delivers technical performance, 10kA breaking capacity, sub-20ms RCCB trip time at prices that make world-class protection accessible for every tier of the market.
- **No Line-Load Bias:** V-Marc MCBs function correctly regardless of connection orientation, a critical safety feature that is often overlooked.
- **Flame-Retardant Enclosures:** All MCB and RCCB housings are made from high-strength, flame-retardant thermoplastic, ensuring that the device itself never becomes a fire hazard.
- **Broad Range Coverage:** From 6A Single Pole MCBs to 63A Four Pole RCCBs and 16-Way Distribution Boards, V-Marc covers the complete requirements of residential, commercial, and light industrial installations.
- **Made for Indian Conditions:** Designed and tested for India's climate, voltage fluctuation patterns, and load characteristics, not just adapted from international product lines.

MINIATURE CIRCUIT BREAKER

MCB



THE FASTEST GUARD AGAINST ELECTRICAL FAULTS

A Miniature Circuit Breaker is an electro-mechanical protective device that automatically interrupts the flow of electrical current when it detects a fault, either a sustained overload or a sudden short circuit. Unlike fuses, which must be replaced after operation, an MCB can simply be reset once the fault is cleared, making it far more practical, reliable, and cost-effective for modern electrical installations.

V-Marc MCBs are available in the VeLo and VeLo Plus series, covering Single Pole (SP), Single Pole with Neutral (SPN), Double Pole (DP), Triple Pole (TP), Triple Pole with Neutral (TPN), and Four Pole (FP) configurations, across current ratings from 6A to 63A.



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Standard	IS/IEC 60898-1
Rated Current Range	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
Short Circuit Breaking Capacity	10,000A (10kA)
Tripping Characteristic	C-Curve
Rated Voltage	240V AC (SP/SPN/DP) 415V AC (TP/TPN/FP)
Pole Configurations	SP, SPN, DP, TP, TPN, FP
Enclosure Material	Flame-retardant, high-strength thermoplastic
Mounting	DIN rail
Auxiliary Attachment	Provision available

TECHNICAL SPECIFICATIONS

- **10kA Short Circuit Breaking Capacity:** Handles fault currents up to 10,000 amperes.
- **C-Curve Tripping Characteristic:** Optimised for inductive loads like motors and transformers.
- **Trip-Free Mechanism:** The device trips regardless of handle position during a fault.
- **No Line-Load Bias:** Operates correctly irrespective of connection orientation.
- **Ultra-Low Power Loss:** Power dissipation values significantly below IS/IEC limits.
- **High-Speed Breaking:** Rapid arc extinction mechanism ensures minimal stress on connected equipment during fault clearance.
- **Auxiliary Parts Provision:** Designed with attachment points for auxiliary contacts and shunt trips.
- **Permanent Legibility:** Ratings and characteristics are indelibly marked.

APPLICATIONS

- Homes
- Housing societies
- Offices
- Retail stores
- Hospitals
- Light manufacturing units
- Any installation where circuit-level protection is required.

RESIDUAL CURRENT CIRCUIT BREAKER

RCCB



REACTS IN LESS TIME THAN IT TAKES TO BLINK

An RCCB is an essential life-safety device that continuously monitors the difference between the current flowing into a circuit through the live conductor and the current returning through the neutral conductor. Under normal conditions, these two values are equal. But when a fault occurs, this balance breaks. The RCCB detects this residual current and trips the circuit in under 20 milliseconds (Even faster than the human nervous system can register danger)

V-Marc RCCBs are available in Double Pole (DP) and Four Pole (FP) configurations, in current ratings of 25A, 40A, and 63A, with sensitivity options of 30mA, 100mA, and 300mA.

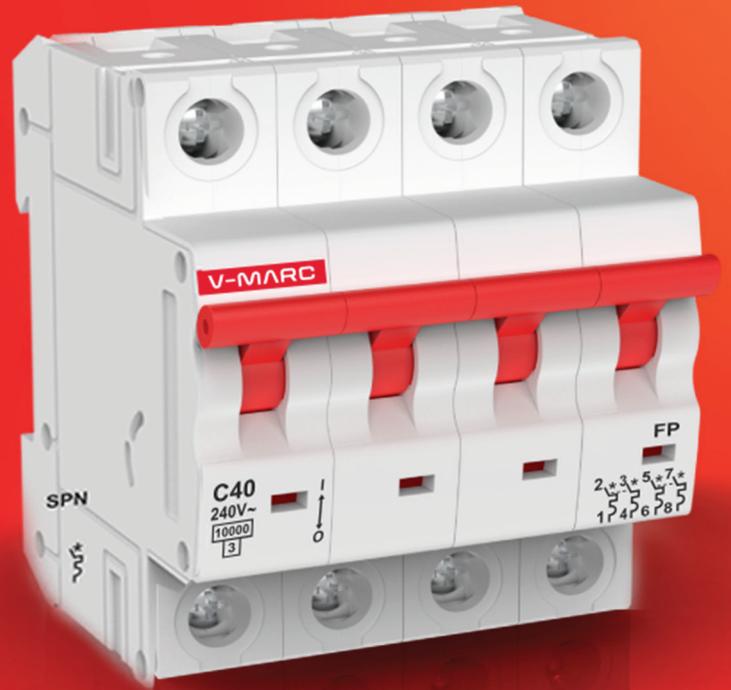
TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Standard	IS 12640-1:2000, IEC 61008-1
Rated Current Range	25A, 40A, 63A
Sensitivity (Rated Residual Current)	30mA, 100mA, 300mA
Trip Time	Less than 20 milliseconds
Rated Voltage	240V AC (DP) 415V AC (FP)
Pole Configurations	Double Pole (2P), Four Pole (4P)
Protection Class	IP20
Test Button	Yes, for periodic functional verification
Neutral Position	Advanced neutral (neutral breaks before phase)

KEY FEATURES

- **Sub-20ms Trip Time:** Trips within 20 milliseconds of detecting an imbalance.
- **Advanced Neutral:** The neutral pole opens before the phase pole, preventing dangerous neutral-first disconnection scenarios.
- **30mA Sensitivity Option:** The 30mA variant provides personal protection, widely recommended for bathroom circuits, outdoor installations, and all general-purpose residential circuits.
- **Positive Contact Indication:** Clear visual indication that the device is in the tripped, open, or closed state, reduces diagnostic time during maintenance.
- **Clearly Marked ON/OFF Positions:** Eliminates ambiguity during emergency disconnect scenarios.
- **Periodic Test Button:** Enables regular self-testing of the RCCB function, critical for maintaining protection integrity over the device's lifetime.
- **IP20 Protection:** Meets IP20 ingress protection rating for safe use in standard indoor distribution panels.

ISOLATOR



SEE IT. KNOW IT. IT'S SAFE TO TOUCH

An Isolator, also known as an Electrical Isolation Switch, is a manually operated switching device that provides a visible, verifiable break in an electrical circuit. Its primary purpose is safety. When a circuit breaker trips, its internal contact position cannot be confirmed from the outside. The Isolator solves this problem by providing a mechanism through which the engineer or technician can see, with certainty, that a section of the circuit is physically disconnected before any maintenance or repair work begins.

An Isolator is not designed to interrupt fault currents, it is always operated under no-load or low-load conditions. It is the last line of verification before human contact with live electrical components.

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Standard	IS/IEC 60947-3
Current Ratings	40A, 63A, 100A
Pole Configurations	Double Pole (DP), Four Pole (FP)
Rated Voltage	240V (DP) 415V (FP)
Rated Voltage	240V AC (DP) 415V AC (FP)
Enclosure Material	Flame-retardant thermoplastic
Mounting	DIN rail
Contact Visibility	Visible isolation position

KEY FEATURES

- **Physically Visible Isolation:** The open contact position is visible from outside the device, providing unmistakable confirmation that the circuit is safe for work.
- **Firm Handle Action:** Robust handle mechanism ensures positive, reliable switching, no ambiguous intermediate positions.
- **High Current Rating:** Available up to 100A, covering the main incoming supply for residential and commercial distributions.
- **Compact DIN Rail Design:** Space-efficient design integrates seamlessly alongside MCBs and RCCBs within standard distribution boards.
- **Fault-Discharge Function:** Discharges trapped charge in the circuit upon isolation, eliminating residual shock risk during maintenance.
- **Flame-Retardant Body:** Housing material prevents the spread of fire in fault conditions.

DISTRIBUTION BOARD



THE NERVE CENTRE OF EVERY SAFE ELECTRICAL INSTALLATION

A Distribution Board (DB), sometimes called a consumer unit, fuse box, or load centre, is the central enclosure that receives incoming electrical supply and distributes it to individual circuits throughout a building. Each circuit is individually protected by an MCB or RCCB housed within the board, ensuring that a fault on one circuit does not affect others and that over-current conditions can be isolated quickly and safely.

The V-Marc VEXA Distribution Board is engineered not just as a functional enclosure, but as a premium, aesthetically refined product that complements modern interior design. Available in SPN (Single Pole with Neutral) and TPN (Triple Pole with Neutral) configurations, VEXA boards come with a robust double-door metal enclosure for maximum protection.

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Standard	IS 8623, IEC 61439
Enclosure Material	Double door metal (powder-coated)
HSN Code	8537
Configurations	SPN (Single Phase Neutral), TPN (Three Phase Neutral)
SPN Way Options	4 Way, 6 Way, 8 Way, 10 Way, 12 Way, 16 Way
TPN Way Options	4 Way, 6 Way, 8 Way, 12 Way
Enclosure Finish	Electrostatic powder coating (corrosion-resistant)
Protection	Double-door enclosure with secure latch

KEY FEATURES

- **Premium Double-Door Metal Enclosure:** Provides superior mechanical protection for internal components compared to plastic enclosures, essential in commercial and semi-industrial environments.
- **Electrostatic Powder Coating:** Corrosion-resistant finish ensures the board maintains its appearance and integrity even in humid and coastal environments.
- **Universal DIN Rail Mounting:** Pre-fitted DIN rails accommodate V-Marc MCBs, RCCBs, and Isolators, and are also compatible with most industry-standard devices.
- **Comprehensive Way Range:** From 4-Way SPN for small apartments to 16-Way SPN and 12-Way TPN for large commercial installations, every need is covered.
- **Cable Entry Flexibility:** Multiple knockout entries accommodate both top and bottom cable entry, simplifying installation in any conduit layout.
- **Neutral and Earth Bars Included:** Pre-wired neutral and earth terminal bars save installation time and ensure correct earthing.
- **Aesthetic Design:** Slim-profile design with a modern finish integrates cleanly into homes and offices, not just a utility component but a design-conscious one.

COMPLETE PROTECTION

The Distribution Board is designed to work in perfect synergy with V-Marc MCBs, RCCBs, and Isolators. When these products are specified together, you get a fully coordinated, end-to-end protection system, from the point of supply to every outlet in the building.

OUR PRESENCE

📍 JAMMU & KASHMIR

📍 PUNJAB

📍 HARYANA

📍 RAJASTHAN

📍 HIMACHAL PRADESH

📍 GUJARAT

📍 GOA

📍 BIHAR

📍 MADHYA PRADESH

📍 JHARKHAND

📍 CHHATISGARH

📍 WEST BENGAL

📍 ANDHRA PRADESH

📍 ASSAM

📍 ODISHA

📍 TELANGANA



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