HARTBR

Three-Phase Recloser
ROCKET-3F

THREE-PHASE ELECTRICAL GRID
PROTECTION AND AUTOMATION

PROTECTION, TELECONTROL AND COMMUNICATION

Configurable Operating Modes
- Recloser Mode
- Switch Mode
- Sectionalizer Mode

Communication via Bluetooth and IoT Network
Communication and settings are carried out locally via Hart Devices App (Bluetooth) or remotely via IoT networks.
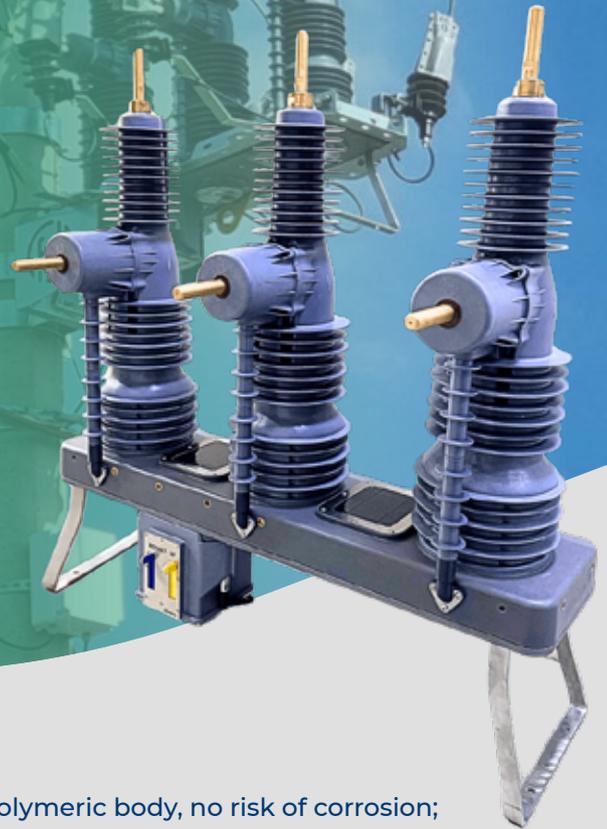
Telecontrol via IoT Networks
Using the embedded and self-powered communication module, it is possible to supervise and telecontrol the Rocket-3F® through SCADA systems, via DNP3.0 protocol.

Environment and Sustainability
The polymeric material of the Rocket-3F is 100% recyclable. We use solar panels for energy generation and increase the recloser's autonomy when there is no power supply.

CESI
Shaping a Better Energy Future

IEE USP
INSTITUTE OF ENERGY AND ENVIRONMENT

Type tests according to
IEEE C37.60-2019 Standard

• 100% polymeric body, no risk of corrosion;

• Control box embedded in the power unit;

• Geopositioning indicates the exact location of the recloser;

• Digital and analog sensors with remote supervision;

• Bi-stable magnetic actuator, no springs used for operations;

• 24-hour autonomy after lockout, without batteries;

• Basic operations performed from the ground, using a hot stick;

• Complete equipment weighs less than 70kg.

ACESS VIA SMARTPHONE

CONNECTED WITH IoT NETWORKS

INTEGRATION WITH SCADA

LOW WEIGHT

COMPETITIVE PRICE

NO BATTERIES REQUIRED

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LOCAL OPERATION BY HOT STICK

OPEN / CLOSE

HOT LINE TAG

MECHANICAL OPENING

LOCAL / REMOTE

NEUTRAL PROTECTION
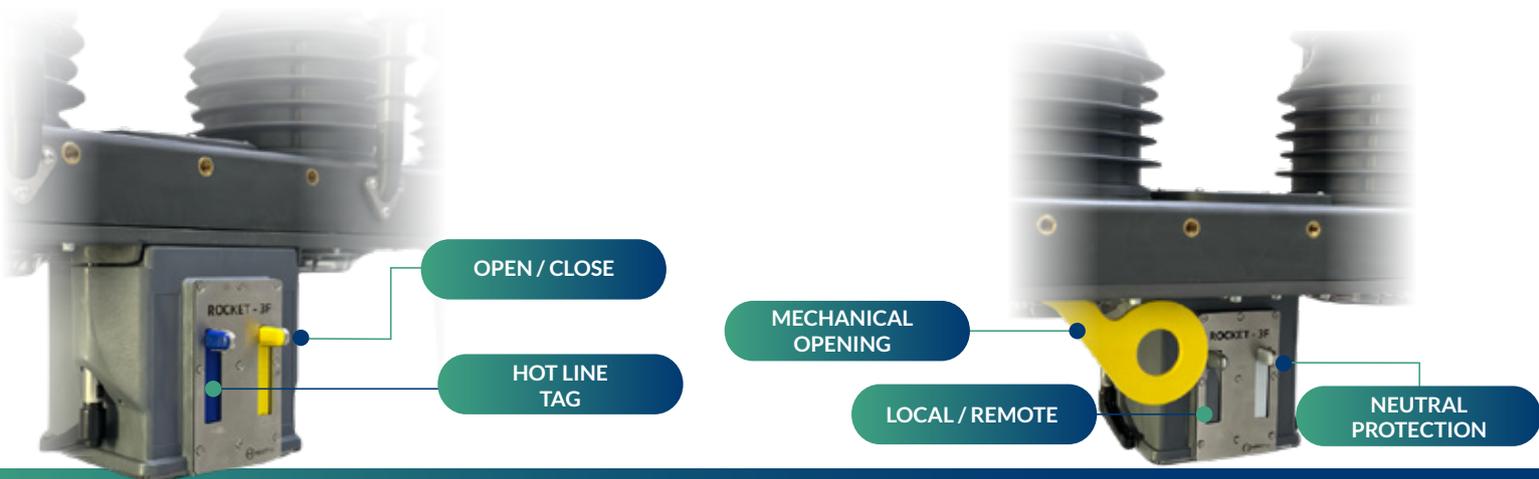
COMMUNICATION MODULES EMBEDDED

• LoRa
• NB-IOT
• Integration via DNP3.0
• NTN (Q2/2026)

DETAILS

• Control box fixed by handles
• No battery / no maintenance required
• Solar panels for extended autonomy
• Local operation with hot stick

TECHNICAL SPECIFICATIONS		15.5kV
Extinguish		Vacuum
Insulation		Polymeric
Power Supply		110 / 220Vac
Rated Frequency		50/60 Hz
Rated Operational Voltage		Up to 15.5 kV
Maximum Voltage		15.5 kV
Lightning Impulse Withstand Voltage (BIL)		110 kV
Applied Voltage	Dry - 1 min	60 kV
	Wet, 10 s	50 kV
Rated Current		630 A
Rated Symmetrical Interruption		12.5 kA/ 1s
Opening Time		< 50ms
Contact Simultaneity		< 20ms
Pickup Current		Configurable, Minimum 4 A
Protection Curves		ANSI & IEC + K and T Curves
Number of Openings to Lockout		4
Communication Interfaces		Bluetooth / LoRa and NB-IoT
Configuration Software		Android App
SCADA Integration		Via Arpeggio System (DNP 3.0)
Protection Grade		IP65
Total Weight		70kg
Applicable Standard		IEEE C37.60
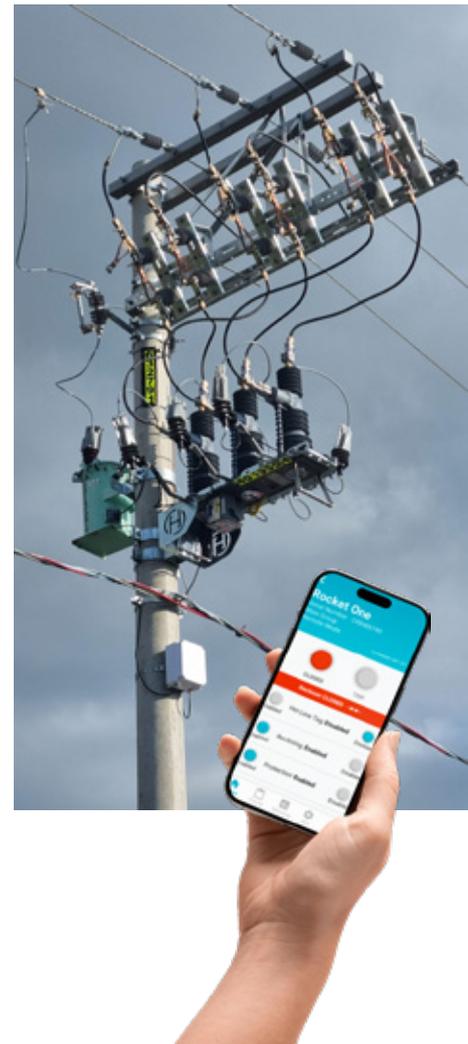
With the Hart Devices App, it is possible to access the Rocket-3F via Bluetooth to perform:
• Readings and commands;
• Event log analysis (Rocket -3F stores the previous 1000 events with timestamps);
• Protection adjustments, among other activities.

APP Hart Devices to assist field operations

Available for Download