

AED-RX

Control and recover the energy from your eddy current separator!

The AED-RX powers and controls eddy current separators. Its regenerative technology allows it to return energy from the pole wheel: increased safety, savings, and reliability.

ENHANCED SECURITY

Removal of braking resistance: no heat source, and IP66-IPK10 protection.
Independent machine and process emergency stop chains compliant with EN13849. Includes, in particular, a Preventa safety relay.

ENERGY SAVINGS

The braking energy is efficiently fed back into your electrical grid instead of being lost as heat. This results in significant savings on your electricity bill, while offering three times the braking power. It is now possible to brake harder, and multiple times in quick succession if needed.

SIMPLIFIED MAINTENANCE

No more risk of fire if you don't regularly clean the braking resistor! Simple and intuitive design, eco-designed Schneider Electric components, and easy configuration of the two frequency inverters. Preventive maintenance is simplified by the optional control screen and monitoring system.



CONCEPTION

- IP66-IPK10 epoxy-painted steel enclosure (RAL 7035)
- Compact dimensions: 1000×800×400 mm
- Temperature: -5°C to +50°C (hostile environments)
- Humidity level: Less than 40%.
- Power supply: 3×400V ±5% / 50-60Hz
- Weight: 85 kg (easy installation)



ADVICE :

For installations with frequent cycling, eliminating the braking resistance removes the main source of maintenance intervention. The energy recovery module converts the dissipated energy into euros!



INTUITIVE USE

Ergonomic control panel equipped with flush buttons and indicator lights for smooth and safe operation. Local or remote control mode (wired/Ethernet TCP-IP).



NETWORK REINJECTION MODULE

Converts braking energy into reusable electricity, eliminating heat loss and reducing your carbon footprint. No maintenance required.



ROBUST DESIGN

Epoxy polyester painted steel enclosure (RAL 7035), resistant to demanding industrial environments. IP66 rating ensures optimal protection against dust and water splashes.

Thermal imaging camera (CT)*

Usage statistics (cycles, energy saved) via HMI*

Emergency process stop separate from emergency machine stop

Instant diagnosis without opening the cabinet*

ETHERNET TCP-IP

SERVICES



Rapid after-sales service intervention



Fleet monitoring and periodic verification



Assistance with industrial commissioning



Spare parts stock

