

Remote Isolation Switch (RIS)

Enclosed switch-disconnector
for railway applications



When **energy** matters

 **socomec**
Innovative Power Solutions

The close protection of your urban railway infrastructure!

Socomec's Remote Isolation Switch (RIS) solutions are designed and manufactured in France to guarantee high levels of quality, performance and functionality. They will enable you to electrically isolate your traction infrastructure - locally or remotely.



**Increased peace of mind
with a vandalism
– proof enclosure –
designed to last.**

1 Double door system

in order to ensure the safety of the public in urban areas and of operators during interventions (IP2X).

2 DC switch-disconnector

- Ratings: 630 A to 2000 A (Cat IV).
- Motorized or manual operations.
- Up to 3 padlocks.

Made-to-measure design, 100% Socomec

To guarantee you a different and unique solution that is adapted to technical and urban planning constraints, Socomec RIS can be configured according to your needs. One or more features can be added to the solution.

Contact our experts to define your need.

3 Easy and safe visual check

of the switch-disconnector thanks to the visualisation window.

4 A robust enclosure IP 55/IK10

guaranteeing long life in the outdoor environment and avoiding any degradation (break-in, graffiti, etc.).

5 Voltage monitoring system DIRIS Digiware DC

signals the presence of voltage and logs voltage events capable of damaging your installation.



Safe operations

- Differentiated and protected access (IP2X) to control and power compartments for total safety.
- Lockout up to 3 padlocks.
- Isolating internal protection avoids the risk of electrical ignition between the structure and live parts, in order to ensure the safety of people.



Easier maintenance

- Safe visual inspection, thanks to a visualization window inside the cabinet.
- Easily change the switch motor (4 face-mounted bolts) without interrupting the load.
- Works without ventilation, freeing you from filter cleaning and ventilation maintenance.
- Automatic lighting when the door is opened.



Reinforced enclosure and vandalism resistant design

- Metallic enclosure resistant to external environment (UV, frost, impacts, etc.).
- Optional stainless steel cabinet for the harshest environments.
- Vandalism resistant design: resistance class RC2 (EN 1627), reinforced lock and invisible hinges.



Detailed voltage monitoring

- Help you to anticipate malfunctions due to inappropriate voltages.
- Anticipate malfunctions due to inappropriate voltages and events.
- Data can be viewed locally on the display or remotely via communications.

EN 50123-3:
Railway switch

IEC 61439:
Switchgear assembly

Socomec: our innovations supporting your energy performance

1 independent manufacturer

3,600 employees
worldwide

10 % of sales revenue
dedicated to R&D

400 experts
dedicated to service provision

Your power management expert



POWER
SWITCHING



POWER
MONITORING



POWER
CONVERSION



ENERGY
STORAGE



EXPERT
SERVICES

The specialist for critical applications

- Control, command of LV facilities
- Safety of persons and assets
- Measurement of electrical parameters
- Energy management
- Energy quality
- Energy availability
- Energy storage
- Prevention and repairs
- Measurement and analysis
- Optimisation
- Consultancy, commissioning and training

A worldwide presence

12 production sites

- France (x3)
- Italy (x2)
- Tunisia
- India
- China (x2)
- USA (x3)

28 subsidiaries and commercial locations

- Algeria • Australia • Belgium • China • Canada
- Dubai (United Arab Emirates) • France • Germany
- India • Indonesia • Italy • Ivory Coast • Netherlands
- Poland • Portugal • Romania • Serbia • Singapore
- Slovenia • South Africa • Spain • Switzerland
- Thailand • Tunisia • Turkey • UK • USA

80 countries

where our brand is distributed

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