

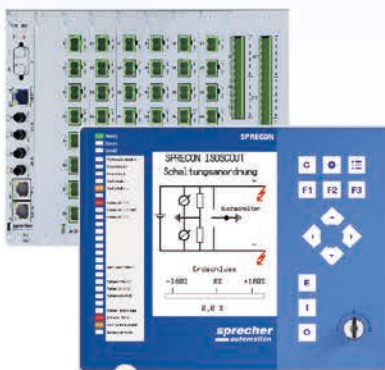


sprecher
automation

A
COOPERATION
OF

APG
AUSTRIAN POWER GRID

TU
Graz



SPRECON®-ISOSCOU

Isolation monitoring &
earth-fault detection in isolated
low voltage dc-networks

SPRECON®-ISOSCOU



APPLICATION:

SECURE AUXILIARY SUPPLY / STATION BATTERY

Automated

- Isolation monitoring
- Fault location
- Identification of faulted pole
- Switch (patented) – increased accuracy and reliability of error evaluation
- Reliable detection by leakage current sensors based on Hall effect

Display of

- Residual current
- Faulted feeder & polarity

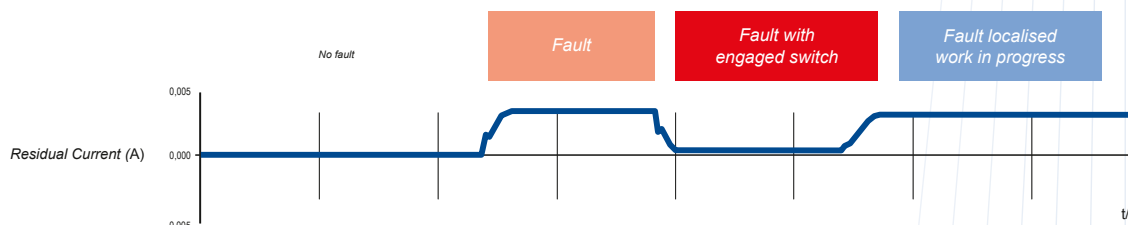
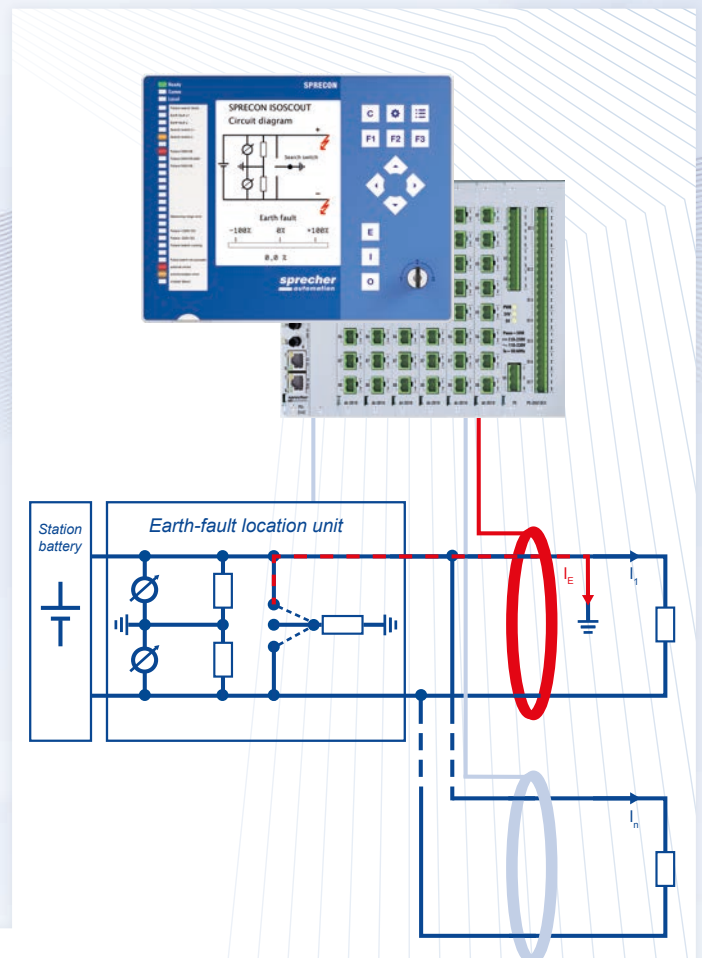
Integration into substation automation system via

- IEC 60870-5-104, IEC 61850

BENEFITS

- Passive system without active feeding of external currents at highest response sensitivity
- Automated identification of faulted load circuit and pole: selective and rapid, no stressing of operating equipment through manual on/off switching
- Operable up to 220 VDC
- Single device or integrated – customised solution

- Repeatable manual initiation of measuring at any time
- In accordance with the standards of SPRECON-E-C bay computers (EMC, environmental conditions)
- Automated measuring with reduction of residual current on earth-fault occurrence
- Passive system, no risk of malfunction of automation systems



Sprecher Automation GmbH
(Headquarters)

Franckstrasse 51
4020 Linz, Austria
T: +43 732 6908-0
F: +43 732 6908-278

info@sprecher-automation.com
www.sprecher-automation.com

Austria • Germany • The Netherlands • Poland
Slovakia • Switzerland • United Arab Emirates

12.1.101.45en B

© Sprecher Automation 2020



Sprecher Automation, the Sprecher Automation logo and any alternative version thereof are trademarks and service marks of Sprecher Automation. Other names mentioned, either registered or not, are the property of their respective companies. Any liability regarding the correctness and completeness of information and/or specifications in the brochure is excluded. All rights are reserved to alter specifications, make modifications, or terminate models without prior notice. The specifications of a model may vary from country to country.