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Intelligent Power Technologies: Siemens protection

Solutions for more than 100 years

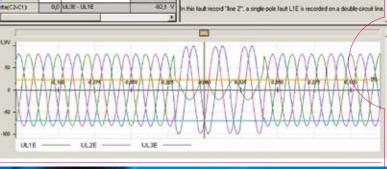
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Lin ms Measuring Signal

0,0 UL1E

Oursor 2



Comment: Sample fault record for SIGRA 4.2.



Siemens Protection

With the 2 brands SIPROTEC and Reyrolle Siemens is the world market leader in digital protection technology. Profit from the experience out of an installed base of more than 1 Million devices and 300 000 with IEC 61850.



SIPROTEC easy

Protection solutions without PC

- Two stages overcurrent protection
- CT or auxiliary supplied
- Easiest parameterization using DIP-switches
- Easy mounting also top-hat rails

SIPROTEC Compact

Maximum protection - minimum space

- Use of proven SIPROTEC 4 functionality
- Pluggable current and voltage terminal blocks
- Common engineering with DIGSI even thresholds of binary inputs and secondary current values
- 2 communication interfaces
- 9 freely assignable function keys
- Flexible protection functions



SIPROTEC Compact 600 series

Protection solutions for basic distribution and industrial grids

- Space saving, compact design
- Communication interface
- Parameterization with DIGSI
- Integrated fault recording and logging

SIPROTEC 4

Proven, reliable, and safe

- Flexible communication options
- Common engineering with DIGSI
- Graphical logic editor CFC
- Clear operation through graphical display
- Worldwide largest installed base of protection and IEC 61850 solutions



Reyrolle

With-drawable solutions for distribution grids

- User-friendly operation
- Common parameterization with Reydisp Evolution software
- Communication interface including IEC 61850
- High impedance solution
- 4U housing height

SIPROTEC 5

The new benchmark for protection, automation, and monitoring

- Modular in hardware and software
- Holistic engineering with DIGSI
- Flexible engineering IEC 61850
- Redundant, multiple communication interfaces and protocols
- Cyber secure in accordance with BDEW and NERC CIP



