



Figure similar

RELAY SOLKOR R CIRCULATING CURRENT/FEEDER PROTECTION IMPROVED DIFFER. CURRENT FEEDER PROTECTION USING PILOT WIRES, FASTER OPERATING TIME, PILOT LOOP RESISTANCE 2000 OHMS MAX. STANDARD INSULATION LEVEL 5KV PILOTS TO EARTH HAND RESET FLAG SELF RESET CONTACTS CONTACT ARRANGEMENT: 3NO/0NC THREE CONTACTS, CASE SIZE E6 (4U HIGH) RATING: 5A AC

Model	
Product variations	NO_DATA
General technical data	
Product licence	
• DIGSI 4 Basis	NO_DATA
• DIGSI 4 Professional	NO_DATA
• DIGSI 4 Professional + IEC 61850 system configurator	NO_DATA
Product details	
Product equipment	
• CFC standard	No
• CFC arithmetic	No
• Quicklogic (Reyrolle)	No
• logic editor	NO_DATA
Suitability	
Suitability for usage / Line differential protection	Yes

Type of measured value acquisition	
• of operational measured values / standard	No
• extended / min./max.-values, average values	No
Product feature	
• pluggable terminal blocks	No
• inrush detection	No
• extended measured value acquisition	NO_DATA

Product function

Product function	
• automatically reclosing (ANSI 79)	No
• Load Blinder (ANSI 21LB)	NO_DATA
• switching statistic	No
• circuit breaker monitoring	No
• operating sequences for control applications	No
• control	No
• fault recording analog and digital signals	No
• Sequence-of-events recorder	No
• monitoring	No
• changeover of setting group	No
• Measuring-voltage failure detection (ANSI 60FL)	No
• IRIG-B input	NO_DATA
• circuit breaker-test	No

Protection function

Protection function	
• 3-pole tripping	Yes
• undervoltage protection (ANSI 27)	No
• Supervision of phase rotation (ANSI 47)	No
• overvoltage protection-Negative-sequence system (ANSI 47)	No
• thermal overload protection (ANSI 49)	No
• definite time-overcurrent protection (ANSI 50/50N)	No
• Instantaneous tripping (ANSI SOFT)	No
• Arc-protection (ANSI AFD)	No
• Circuit-breaker failure protection (ANSI 50BF)	No
• Inverse time-overcurrent protection (ANSI 51/51N)	No
• overvoltage protection (ANSI 59)	No
• overvoltage protection-Zero-sequence system (ANSI 59N)	No

- Directional time-overcurrent protection, phase, phases (ANSI 67)
- Directional time-overcurrent protection for ground-faults (ANSI 67N)
- Power-swing blocking (ANSI 68)
- Trip-circuit supervision (ANSI 74TC)
- Frequency protection (ANSI 81)
- Rate-of-frequency-change protection (ANSI 81R)
- Lockout (ANSI 86)
- Differential protection (ANSI 87)
- High-impedance restricted ground-fault protection (ANSI 87N)
- external external trip initiation
- wire break detection for Differential protection (ANSI 87N)

No
No
kein Wert
No
No
No
No
Yes
No
No
No

Control function

Type of time synchronization / of transmitter / minutes-pulse No

Control and supervision function

Display and operation

Design of the display NO_DATA
Designation / of operator software for protections function
• DIGSI No
• SIGRA 4 NO_DATA
National language / user adjustable (Western European character set) NO_DATA

Voltage

Type of voltage NO_DATA
Supply voltage
• at DC / minimum NO_DATA
• at DC / maximum NO_DATA
• at AC / minimum NO_DATA
• at AC / maximum NO_DATA

Electricity

Switching capacity

Power factor kein Wert

Connections

Type of cabling / of arc detector kein Wert

Wire length / to the arc detector	kein Wert
Number	
Number of events	NO_DATA
Number of parameter sets	NO_DATA
Number of function keys	NO_DATA
Number of LEDs / maximum	NO_DATA
Inputs / Connections / Sensors	
Number of current inputs / maximum	3
Number of internal RTD-inputs / maximum	NO_DATA
Number of voltage inputs / maximum	NO_DATA
Number of sensor inputs / for arc detector	kein Wert
Outputs	
Number of digital outputs	
• Integrated	kein Wert
• optional	kein Wert
Number of analog outputs	
• Integrated	kein Wert
• optional	kein Wert
Communication	
Type of interface / service interface	No
Type of service interface	
• DIGSI at USB-A port	No
• Reydisp at USB	NO_DATA
Type of electrical interface	
• IEC 60870-5-103, RS 485 with terminal connection	No
• IEC 60870-5-103, RS 485 with sub-D connection	No
• IEC 60870-5-104	No
• PROFIBUS DP slave	No
• PROFIBUS DP slave, RS 485 with sub-D connection	No
• Modbus RTU-slave, RS 485 with sub-D connection	No
• DNP 3 serial, RS 485 with terminal connection	No
• DNP 3 serial, RS 485 with sub-D connection	No
• IEC 60870-5-103, RS 232	No
Type of communication interface / protection communication interface, serial	No
Type of software interface	
• DIGSI with RS 232	No

• DIGSI for Ethernet with RJ45 connector	No
Protocol / is supported	
• IEC 60870-5-104	NO_DATA
• IEC 61850-9-2	No
• IEC 61850	NO_DATA
• RSTP	No
• PRP	No
• HSR	No
• Modbus TCP/IP	NO_DATA
• DNP3	NO_DATA
Protection class	
Protection class IP	
• on the front	kein Wert
• Rear side	kein Wert
Mechanical Design	
Frame size of enclosure	E6
Width	NO_DATA
Height	NO_DATA
Depth	NO_DATA
Environmental conditions	
Operating temperature	
• minimum	kein Wert
• maximum	kein Wert
Certificates	