

ARGUS Non-directional overcurrent-time protection Polycarbonate enclosure, 4x current transformer, 2 BI/2 BQ, pulse output, 9 LEDs
Measuring input: 1 A, 50/60 Hz Auxiliary voltage: current transformer supplied USB front interface No protocol (no interface on the rear)
Device front: standard version Protection function package: basic version

Product details

Product equipment	
• CFC standard	No
• CFC arithmetic	No
• Graphical Logic (Reyrolle)	No
• Quicklogic (Reyrolle)	No

Suitability

Suitability for usage / Overcurrent protection	Yes
Type of measured value acquisition	
• of operational measured values / standard	Yes
• extended / min./max.-values, average values	No
Product feature	
• number IO modules expandable	Yes
• pluggable terminal blocks	Yes
• inrush detection	No

Product function

Product function	
• resetting interlock (ANSI 66)	No
• automatically reclosing (ANSI 79)	No
• signal transmission method (ANSI 85)	No
• 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	Yes
• changeover of setting group	No
• time synchronization	No

Protection function

Protection function	
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• 3-pole tripping	Yes
• undervoltage protection (ANSI 27)	No
• Directional power supervision (ANSI 32)	No
• Undercurrent protection (ANSI 37)	No
• unbalanced load protection (ANSI 46)	No
• Overcurrent protection-Negative-sequence system (ANSI 46)	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)	Yes
• Instantaneous tripping (ANSI SOFT)	Yes
• Arc-protection (ANSI AFD)	No
• Sensitive ground-current protection (ANSI 50Ns)	No
• Intermittent ground-fault protection (ANSI 50Ns)	No
• Circuit-breaker failure protection (ANSI 50BF)	No
• Inverse time-overcurrent protection (ANSI 51/51N)	Yes
• Cold load pickup (ANSI 51C)	No
• Voltage dependent overcurrent protection (ANSI 51V)	No
• overvoltage protection (ANSI 59)	No
• overvoltage protection-Zero-sequence system (ANSI 59N)	No
• Rate-of-voltage-change protection (ANSI 59R/27R)	No
• ground-fault protection (machine) (ANSI 64)	No
• Directional time-overcurrent protection, phase, phases (ANSI 67)	No
• Directional time-overcurrent protection for ground-faults (ANSI 67N)	No
• Directional sensitive ground-fault detection for compensated network and isolated network (ANSI 67Ns)	No
• Power-swing blocking (ANSI 68)	No
• Trip-circuit supervision (ANSI 74TC)	No
• Frequency protection (ANSI 81)	No
• Rate-of-frequency-change protection (ANSI 81R)	No
• Lockout (ANSI 86)	Yes

• Differential protection (ANSI 87)	No
• High-impedance restricted ground-fault protection (ANSI 87N)	No
• Fault locator (ANSI FL)	No
• external external trip initiation	Yes

Control function

Type of time synchronization / of transmitter / minutes-pulse	No
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Display and operation

Design of the display	2
Designation / of operator software for protections function	
• DIGSI	Yes

Number

Number of parameter sets	1
Number of function keys	7
Number of LEDs / maximum	9

Inputs / Connections / Sensors

Number of current inputs / maximum	4
Number of digital inputs / maximum	2

Communication

Type of interface / service interface	Yes
Type of service interface	
• DIGSI at USB-A port	No
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 TCP, 100 Mbit/s, double RJ45 connector	No
• Modbus RTU-slave, RS 485 with terminal connection	No
• Modbus RTU-slave, RS 485 with sub-D connection	No
• PROFINET IO, 100 Mbit/s, double RJ45 connector	No
• DNP 3 serial, RS 485 with terminal connection	No

• DNP 3 serial, RS 485 with sub-D connection	No
• IEC 61850, 100 Mbit/s, double RJ45 connector	No
Type of optical interface	
• IEC 60870-5-103, 820 nm with ST(BFOC) optical connector	No
• IEC 61850, 100 Mbit/s, 1300 nm double LC port	No
Protocol / is supported	
• IEC 61850-9-2	No
• RSTP	No
• PRP	No
• HSR	No
• DHCP	No
• SNTP	No
Mechanical Design	
Frame size of enclosure	4
Environmental conditions	
Operating temperature	
• minimum	-10 °C
• maximum	60 °C