



Figure similar

ARGUS overcurrent relay Non-directional, size 4 molded case, 4 CT, 10 LEDs, 6 binary inputs/ 6 binary outp. Measuring input: 1/5 A, 50/60 Hz with SEF input auxiliary voltage: 60 to 240 V AC/DC, binary input threshold 44 V AC/DC Standard version - no cover Communication: Front port: USB and rear: RS485 supporting IEC 60870-5-103 or Modbus RTU or DNP 3.0. . Front fascia: w. breaker control pushbuttons Protection function: Standard version plus autoreclose (79)

| Product details                                                             |                                   |
|-----------------------------------------------------------------------------|-----------------------------------|
| product feature / conformal coating                                         | No                                |
| number of function keys                                                     | 7                                 |
| number of LEDs                                                              | 10                                |
| Model                                                                       |                                   |
| design of the product                                                       | Non directional Overcurrent relay |
| Product Functions                                                           |                                   |
| type of measured value detection / of operational measured value / standard | Yes                               |
| type of measured value detection / expanded / min./max. values, mean values | No                                |
| switching statistics                                                        | Yes                               |
| circuit breaker monitoring                                                  | Yes                               |
| product feature / logic editor                                              | Yes                               |
| control                                                                     | Yes                               |
| fault recording for analog and digital signals                              | Yes                               |
| sequence-of-events recorder                                                 | Yes                               |
| monitoring                                                                  | Yes                               |
| number of parameter sets                                                    | 2                                 |
| parameter set switchover                                                    | Yes                               |
| Protection Functions                                                        |                                   |
| three-pole tripping                                                         | Yes                               |
| undercurrent protection (ANSI 37)                                           | No                                |
| unbalance protection (ANSI 46)                                              | Yes                               |
| overcurrent-time protection negative sequence system (ANSI 46)              | Yes                               |
| thermal overload protection (ANSI 49)                                       | Yes                               |
| definite overcurrent-time protection (ANSI 50/50N)                          | Yes                               |
| sensitive ground current protection (ANSI 50Ns)                             | Yes                               |
| circuit breaker failure protection (ANSI 50BF)                              | Yes                               |
| dependent overcurrent-time protection (ANSI 51/51N)                         | Yes                               |
| dynamic response value changeover (ANSI 51C)                                | Yes                               |
| trip-circuit supervision (ANSI 74TC)                                        | Yes                               |
| automatic reclosing (ANSI 79)                                               | Yes                               |
| closing lock-out (ANSI 86)                                                  | Yes                               |
| inrush current detection                                                    | Yes                               |
| external trip initiation                                                    | Yes                               |
| Supply voltage                                                              |                                   |
| supply voltage / at AC                                                      | 60 ... 240 V                      |
| supply voltage / at DC                                                      | 60 ... 240 V                      |

|                                                               |                                   |
|---------------------------------------------------------------|-----------------------------------|
| type of voltage / of the supply voltage                       | AC/DC                             |
| <b>Inputs / Outputs</b>                                       |                                   |
| number of digital inputs / maximum                            | 6                                 |
| number of digital outputs / incl. signaling contact / maximum | 6                                 |
| number of current inputs / maximum                            | 4                                 |
| <b>Communication</b>                                          |                                   |
| product component / operating interface (on the front)        | Yes                               |
| protocol / is supported / IEC 60870-5-103                     | Yes                               |
| protocol / is supported / Modbus RTU slave                    | Yes                               |
| protocol / is supported / DNP 3, serial                       | Yes                               |
| <b>Time synchronization</b>                                   |                                   |
| type of time synchronization                                  | BI/Communication Channel          |
| <b>Mechanical Design</b>                                      |                                   |
| width                                                         | 105 mm                            |
| height                                                        | 185 mm                            |
| depth                                                         | 186 mm                            |
| frame size of enclosure                                       | E4 (4U High )                     |
| design of the display                                         | 20 Character x 4 line Backlit LCD |
| product component / with protective cover                     | No                                |
| product feature / plug-in terminal blocks                     | Yes                               |
| <b>Environmental conditions</b>                               |                                   |
| ambient temperature / during operation                        | -10 ... +60 °C                    |
| <b>Further information</b>                                    |                                   |

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