



Figure similar

ARGUS overcurrent relay Conformal coating on PCBA Directional, size 4 molded case, 4 CT, 3 VT, 10 LEDs, 9 binary inputs/ 6 binary outp. Measuring input: 1/5 A, 50/60 Hz with SEF input, 63.5/110 V auxiliary voltage: 24 to 60 V DC, binary input threshold 19 V DC Plastic cover with 1 pushbutton for test/reset 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

| Product details | |
|---|-------------------------------|
| product feature / conformal coating | Yes |
| number of function keys | 7 |
| number of LEDs | 10 |
| Model | |
| design of the product | 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 | 4 |
| parameter set switchover | Yes |
| Protection Functions | |
| three-pole tripping | Yes |
| undercurrent protection (ANSI 37) | Yes |
| 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) | No |
| closing lock-out (ANSI 86) | Yes |
| inrush current detection | Yes |
| external trip initiation | Yes |
| Supply voltage | |
| supply voltage / at DC | 24 ... 60 V |
| type of voltage / of the supply voltage | DC |

| Inputs / Outputs | |
|---|-----------------------------------|
| number of digital inputs / maximum | 9 |
| number of digital outputs / incl. signaling contact / maximum | 6 |
| number of current inputs / maximum | 4 |
| Communication | |
| 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 |
| Time synchronization | |
| type of time synchronization | BI/Communication Channel |
| Mechanical Design | |
| 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 | Yes |
| product feature / plug-in terminal blocks | Yes |
| Environmental conditions | |
| ambient temperature / during operation | -10 ... +60 °C |
| Further information | |

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Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/7SR1004-4JB20-2CB0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7SR1004-4JB20-2CB0

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