



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: 60 to 240 V AC/DC, binary input threshold 44 V AC/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 AC | 60 ... 240 V |

| | |
|---|-----------------------------------|
| supply voltage / at DC | 60 ... 240 V |
| type of voltage / of the supply voltage | AC/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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Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7SR1004-4LB20-2CB0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7SR1004-4LB20-2CB0>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7SR1004-4LB20-2CB0

Tender specifications

<https://www.siemens.com/specifications>

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