



Figure similar

ARGUS overcurrent relay Conformal coating on PCBA Non-directional, size 4 molded case, 4 CT, 10 LEDs, 6 binary inputs/ 6 binary outp. Measuring input: 1/5 A, 50/60 Hz auxiliary voltage: 60 to 240 V AC/DC, binary input threshold 88 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 | Yes |
| 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) | No |
| 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 |
| Inputs / Outputs | |
| number of digital inputs / maximum | 6 |
| 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 | No |
| product feature / plug-in terminal blocks | Yes |
| Environmental conditions | |
| ambient temperature / during operation | -10 ... +60 °C |
| Further information | |

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<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7SR1003-1KA20-2DB0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7SR1003-1KA20-2DB0>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7SR1003-1KA20-2DB0

Tender specifications

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

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