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Data sheet **7SR1003-2JA20-2CA0**

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: 24 to 60 V DC, binary input threshold 19 V 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

Figure similar

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)	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

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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	

Siemens is working on the renewal of the current EAC certificates.
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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http://www.siemens.com/energy-automation

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7SR1003-2JA20-2CA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7SR1003-2JA20-2CA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7SR1003-2JA20-2CA0

Tender specifications
http://www.siemens.com/specifications

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