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Data sheet 7SR1003-1KA20-2CA0



Figure similar

Argus Non-direct. overcurrent relay Size 4 molded casing, 4 CT, 10 LEDs, 6 binary inputs/ 6 binary outputs Measuring input: 1/5A, 50/60 Hz Auxiliary voltage: 60 to 240 V AC/DC, binary input tresh. 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

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)	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)	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

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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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