



Figure similar

Argus Non-direct. overcurrent relay Size 4 molded casing, 4 CT, 10 LEDs, 3 binary inputs/ 3 binary outputs Measuring input: 1/5A, 50/60 Hz auxiliary voltage: 60 to 240 V AC/DC, binary input fresh. 44 V AC/DC Standard version - no cover Communication: Front port: USB Front fascia: w. breaker control pushbuttons Protection function: standard version

Product details	
Number of function keys	7
Number of LEDs	10
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
Product function / switching statistics	Yes
Product function / circuit breaker monitoring	Yes
Product feature / logic editor	Yes
Product function / control	Yes
Product function / fault recording for analog and digital signals	Yes
Product function / sequence-of-events recorder	Yes
Product function / monitoring	Yes
Number of parameter sets	2
Product function / parameter set switchover	Yes

Protection Functions	
protection function / 3-pole resolution	Yes
protection function / undercurrent protection (ANSI 37)	No
protection function / unbalance protection (ANSI 46)	Yes
protection function / overcurrent-time protection negative sequence system (ANSI 46)	Yes
protection function / thermal overload protection (ANSI 49)	Yes
protection function / definite-time overcurrent protection (ANSI 50/50N)	Yes
protection function / sensitive ground current protection (ANSI 50Ns)	No
protection function / circuit breaker failure protection (ANSI 50BF)	Yes
protection function / inverse-time overcurrent protection (ANSI 51/51N)	Yes
protection function / dynamic response value changeover (ANSI 51C)	Yes
protection function / trip-circuit supervision (ANSI 74TC)	Yes
Product function / automatic reclosing (ANSI 79)	No
protection function / closing lock-out (ANSI 86)	Yes
Product function / inrush current detection	Yes
protection function / 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	3
Number of digital outputs / incl. signaling contact / maximum	3
Number of current inputs / maximum	4
Communication	
Product component / operator 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 feature / plug-in terminal blocks	Yes

Environmental conditions

Ambient temperature / during operation	-10 ... +60 °C
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Further information

Information- and Downloadcenter (catalogues, leaflets,...)

<http://www.siemens.com/energy-automation>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7SR1002-1LA10-2CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7SR1002-1LA10-2CA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7SR1002-1LA10-2CA0

Tender specifications

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