



Figure similar

Voltage relay Argus 7SR157, check synchronising, case I/O and fascia: 2 VT, 6 binary inputs / 8 binary outputs, 10 LEDs, measuring input: 40 - 160 V, 50/60 Hz, auxiliary voltage: 80-250 V DC, binary input threshold 88 V DC, communication interface: standard (USB front port, RS485 rear port) plus additional rear electrical Ethernet RJ45 (x2) (E6 case), IEC 60870-5-103, Modbus RTU, DNP3 and IEC 61850, front cover: push buttons - down and right arrows

Product details	
number of function keys	5
product component / keypad	Yes
product component / keypad / note	Push Buttons - Down and Right Arrows
number of LEDs	9
Product Functions	
type of measured value detection / of operational measured value / standard	Yes
type of measured value detection / expanded / min./max. values, mean values	Yes
switching statistics	Yes
product feature / logic editor	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
synchrocheck (ANSI 25)	Yes
phase-rotation supervision (ANSI 47)	Yes
overvoltage protection (ANSI 59)	Yes
overvoltage protection zero-sequence system (ANSI 59N)	Yes
trip-circuit supervision (ANSI 74TC)	Yes
frequency protection (ANSI 81)	Yes
closing lock-out (ANSI 86)	Yes
external trip initiation	Yes
Supply voltage	
supply voltage / at DC	80 ... 250 V
type of voltage / of the supply voltage	DC
Inputs / Outputs	
number of digital inputs / maximum	6
number of digital outputs / incl. signaling contact / maximum	8
number of voltage inputs / maximum	2
Communication	
product component / operating interface (on the front)	Yes
number of interfaces / acc. to RS 485	1
number of interfaces / acc. to Ethernet	2

number of interfaces / acc. to Ethernet / note	RJ45
protocol / is supported / IEC 61850	Yes
protocol / is supported / IEC 60870-5-103	Yes
protocol / is supported / Modbus RTU slave	Yes
protocol / is supported / DNP 3, serial	Yes
protocol / is supported / PRP	Yes
protocol / is supported / RSTP	Yes
protocol / is supported / HSR	Yes

Time synchronization

type of time synchronization	BI/Communication Channel
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Mechanical Design

width	155.5 mm
height	177 mm
depth	216.5 mm
frame size of enclosure	E6
design of the display	Text, 4 lines x 20 characters

Environmental conditions

ambient temperature / during operation	-10 ... +55 °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=7SR1578-5HA77-2CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7SR1578-5HA77-2CA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7SR1578-5HA77-2CA0

Tender specifications

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

