



Figure similar

Argus 7SR158 voltage / frequency relay, case I/O and fascia: 3 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, standard version: USB front port, RS485 rear port, IEC 60870-5-103, Modbus RTU and DNP3, Standard version – no push buttons, protection functions: Standard version

Product details	
number of function keys	5
product component / keypad	Yes
product component / keypad / note	No Push Buttons
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
three-pole tripping	Yes
undervoltage protection (ANSI 27)	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
frequency variation protection (ANSI 81R)	No
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	3
Communication	
product component / operating interface (on the front)	Yes
number of interfaces / according to RS 485	1
number of interfaces / according to Ethernet	0
protocol / is supported / IEC 61850	No

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	No
protocol / is supported / RSTP	No
protocol / is supported / HSR	No

#### Time synchronization

type of time synchronization	BI/Communication Channel
------------------------------	--------------------------

#### Mechanical Design

width	103.5 mm
height	177 mm
depth	216.5 mm
frame size of enclosure	E4
design of the display	Text, 4 lines x 20 characters

#### Environmental conditions

ambient temperature / during operation	-10 ... +55 °C
--	----------------

#### 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=7SR1587-5HA12-1CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7SR1587-5HA12-1CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=7SR1587-5HA12-1CA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7SR1587-5HA12-1CA0)

**Tender specifications**

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

