SIEMENS

Data sheet 7SJ8011-5EB90-1FA0 L0A



Figure similar

overcurrent protection enclosure 1/6 19", 4 x I, 3 BI, 5 BO (2 change-over contacts), 1 live contact, measuring inputs: Iph = 1 A/5 A, Ie = 1 A/5 A, rated auxiliary power: 60 to 250 V DC,115 V AC, 230 V AC installation enclosure, screw terminals region world, IEC / ANSI, language English (can be changed), front membrane standard, system interface port B (device underside, rear) PROFIBUS DP slave, electrical RS485 without system interface Port A, measurement: fault recording, functionality: basic version, without automatic reclosing, without fault locator

Product details	
number of function keys	9
number of LEDs	8
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
product feature / logic editor	Yes
control	Yes
fault recording for analog and digital signals	Yes
monitoring	Yes
number of parameter sets	4
parameter set switchover	Yes
Protection Functions	
three-pole tripping	Yes
synchrocheck (ANSI 25)	No
undervoltage protection (ANSI 27)	No
reactive power-low-voltage protection / Q-U protection	No
directional power monitoring (ANSI 32)	No
forward power supervision (ANSI 32F)	No
reverse power protection (ANSI 32R)	No
undercurrent protection (ANSI 37)	Yes
unbalance protection (ANSI 46)	Yes
overcurrent-time protection negative sequence system (ANSI 46)	Yes
phase-rotation supervision (ANSI 47)	No
overvoltage protection negative-sequence system (ANSI 47)	No
thermal overload protection (ANSI 49)	Yes
definite overcurrent-time protection (ANSI 50/50N)	Yes
Switch On To Fault (ANSI SOTF)	Yes
sensitive ground current protection (ANSI 50Ns)	No
intermittent ground-fault protection	Yes
circuit breaker failure protection (ANSI 50BF)	Yes
dependent overcurrent-time protection (ANSI 51/51N)	Yes
dynamic response value changeover (ANSI 51C)	Yes
voltage-dependent overcurrent-time protection (ANSI 51V)	No
power factor (ANSI 55)	No
overvoltage protection (ANSI 59)	No

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voltage variation protection (ANSI 59R/27R)	No
overvoltage protection zero-sequence system (ANSI 59N)	No
measuring voltage failure detection (ANSI 60FL)	No
directional overcurrent-time protection, phases (ANSI 67)	No
directional ground fault protection (ANSI 67N)	No
directional sensitive ground-fault detection for resonant-grounded systems and isolated systems (ANSI 67Ns)	No
directional intermittent ground-fault protection	No
trip-circuit supervision (ANSI 74TC)	Yes
automatic reclosing (ANSI 79)	No
frequency protection (ANSI 81)	No
frequency variation protection (ANSI 81R)	No
closing lock-out (ANSI 86)	Yes
ground fault differential protection (ANSI 87N)	No
fault locator (ANSI FL)	No
inrush current detection	Yes
external trip initiation	Yes
Supply voltage	
supply voltage / at AC	115 ... 230 V
supply voltage / at DC	60 ... 250 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	6
number of voltage inputs / maximum	0
number of current inputs / maximum	4
Communication	
product component / operating interface (on the front)	Yes
software interface version / DIGSI with USB-A port	yes
protocol / is supported / Modbus TCP	No
protocol / is supported / IEC 60870-5-103	No
protocol / is supported / IEC 60870-5-104	No
protocol / is supported / IEC 61850-8-1	No
protocol / is supported / Modbus RTU slave	No
protocol / is supported / DNP 3, serial	No
protocol / is supported / DNP 3, TCP	No
protocol / is supported / PROFIBUS DP slave	Yes
protocol / is supported / PROFINET IO	No
protocol / is supported / PRP	No
protocol / is supported / RSTP	No
protocol / is supported / HSR	No
product function / supports further Ethernet services on Ethernet modules	No
Time synchronization	
type of time synchronization	Profibus, pulse via binary input
Mechanical Design	
width	74 mm
height	265.5 mm
depth	228.8 mm
design of the display	Text display: 6 rows
product feature / plug-in terminal blocks	Yes
Environmental conditions	
ambient temperature / during operation / maximum	55 °C
Further information	

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

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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