



Figure similar

SICAM FCM plus-LPIT+VDIS UNRESTRICTED RELEASE AS PER IEC 61869-10/11 SIX BINARY INPUTS FOUR DIGITAL OUTPUTS 3 LED+COLOUR LCD 2 FAULT DIRECTION LED CONFIGURATOR - AVAILABLE USB TYPE-C INTERFACE A80XX/CMIC - COMPATIBLE CONFIGURATOR - AVAILABLE 0.5% ACCURACY CLASS POWER AND ENERGY METER 50 EVENT LOGS ENHANCED FAULT DETECTION DUAL POWER SUPPLY - AC/DC FRONT POWERED USB PORT NO BATTERY - MAINTENANCE FREE SICAM FCM plus WITH SUPER CAP.

Measuring functions	
sampling frequency / per sampling cycle	9 600 Hz
number of events	50
product function / phase angle measurement	Yes
product function / active power measurement	Yes
product function / reactive power measurement	Yes
product function / apparent power measurement	Yes
product function / power factor measurement	Yes
product function / voltage measurement	Yes
product function / current measurement	Yes
product function / frequency measurement	Yes
type of measured value detection / mean values	Yes
Product Functions	
automatic calibration	Yes
correction factors for current values according to IEC 61869-10	Yes
reversal of load flow direction per phase	Yes
inversion of active power, reactive power	Yes
phase-rotation supervision	Yes
remote parameterization	Yes
password protection	Yes
self-test	Yes
Control and supervision function	
undervoltage protection (ANSI 27)	Yes
directional power monitoring (ANSI 32)	Yes
unbalance protection (ANSI 46)	Yes
definite overcurrent-time protection (ANSI 50/50N)	Yes
sensitive ground-fault detection for resonant-grounded systems and isolated systems (ANSI 50Ns)	Yes
intermittent ground-fault protection	Yes
dependent overcurrent-time protection (ANSI 51/51N)	Yes
overvoltage protection (ANSI 59)	Yes
directional overcurrent-time protection, phases (ANSI 67)	Yes
directional ground fault protection (ANSI 67N)	Yes
directional sensitive ground-fault detection for resonant-grounded systems and isolated systems (ANSI 67Ns)	Yes
Short-Circuit Indicator Functions	
product function / phase-selective fault acquisition	Yes
product function / ground fault detection with cos phi/sin phi	Yes

product function / ground fault detection with pulse detection	Yes
product function / parameter group switchover for ground fault detection	Yes
type of distribution system / with regard to neutral point	solid, isolated, compensated
number of overcurrent-time levels	2
product function / automatic reset of the fault display	Yes
product function / reset of the fault display via digital input	Yes
product function / reset of the fault display via user interface	Yes
product function / reset of the fault display via Modbus	Yes
product function / AMZ overcurrent protection with inverse time over tripping characteristic (NI)	Yes
product function / fault display via LED	Yes
product function / fault display via display	Yes
product function / fault display via Modbus	Yes
product function / monitoring for repeated short-circuits	Yes
product function / inrush current detection	Yes
Energy Management functions	
product function / active energy measurement	Yes
product function / reactive energy measurement	Yes
product function / apparent energy measurement	Yes
Measuring inputs	
number of inputs / for voltage measurement	3
number of inputs / for current measurement	3
Supply voltage	
supply voltage / at AC	230 V
supply voltage / at DC / rated value	24 ... 250 V
type of voltage / of the supply voltage	AC/DC
line frequency	50 ... 60 Hz
Inputs / Outputs	
number of digital inputs	6
number of inputs / for temperature sensor	3
number of digital outputs	4
Communication	
protocol / is supported / Modbus RTU	Yes
Time synchronization	
type of time synchronization	Modbus
Mechanical Design	
width	96 mm
height	48 mm
depth	109.5 mm
weight	350 g
fastening method / panel mounting	Yes
type of electrical connection	Push-in terminals
Degree of protection / protection class	
protection class IP / on the front	IP40
protection class IP / rear side	IP20
Environmental conditions	
ambient temperature / during operation	-40 ... +70 °C
ambient temperature / during storage	-25 ... +55 °C
mounting height in relation to mean sea level / maximum	2 000 m
Approval certification	
certificate of suitability / CE marking	Yes
Further information	

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).

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6MD2323-1AA00-2AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6MD2323-1AA00-2AA0>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MD2323-1AA00-2AA0

Tender specifications

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

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