

PRODUCT-DETAILS

CM-UFD.M22M

CM-UFD.M22M Grid feeding monitoring rel.
3c/o,L-L=0-540VAC,L-N=0-
312VAC,ModbusRTU



General Information

Extended Product Type	CM-UFD.M22M
Product ID	1SVR560731R3700
EAN	4013614521119
Catalog Description	CM-UFD.M22M Grid feeding monitoring rel. 3c/o,L-L=0-540VAC,L-N=0-312VAC,ModbusRTU
Long Description	The CM-UFD.M22M is a multifunctional grid feeding monitoring relay with Modbus RTU communication interface. It provides different monitoring functions in accordance with CEI 0-21 to detect over- and undervoltage (10-minutes average value, voltage increase and decrease protection) as well as any changes in grid frequency (frequency increase and decrease protection). Additionally, monitoring of ROCOF (rate of change of frequency) can be configured.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	2CDC112258D0201
Instructions and Manuals	1SVC560514M0000

Dimensions

Product Net Width	108 mm
Product Net Height	90 mm
Product Net Depth / Length	67 mm
Product Net Weight	0.312 kg

Technical

Function	10 minutes average value monitoring Interrupted neutral monitoring Over- and underfrequency monitoring Over- and undervoltage monitoring ROCOF monitoring
Standards	IEC/EN 63000 IEC/EN 60255-26 IEC/EN 60255-27 IEC/EN 61000-6-3
Measuring Range	0 ... 540 V AC
Rated Control Supply Voltage (U _s)	24 ... 240 V AC/DC
Output	3 c/o (SPDT) contacts
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Operation -20 ... +60 °C Storage -25 ... +50 °C
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Connecting Capacity UL/CSA	Flexible with Ferrule 1x 24-12 AWG Flexible with Ferrule 2x 24-18 AWG Flexible with Insulated Ferrule 1x 24-12 AWG Flexible with Insulated Ferrule 2x 24-18 AWG Flexible 1x 24-12 AWG Flexible 2x 24-16 AWG Rigid 1x 24-10 AWG Rigid 2x 24-16 AWG
Tightening Torque UL/CSA	4.4 ... 5.3 in-lb

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SVD981056-0001
EAC Certificate	EAC_RU_C-DE.ME77.B.00417-19
Instructions and Manuals	1SVC560514M0000
RoHS Information	1SVD981056-0001
TÜV Certificate	TUEV_AoC-44254-61719-02

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	121 mm
Package Level 1 Height	99 mm
Package Level 1 Depth /	71 mm

Length	
Package Level 1 Gross Weight	0.365 kg
Package Level 1 EAN	4013614521119

Classifications

Object Classification Code	B
ETIM 5	EC001438 - Voltage monitoring relay
ETIM 6	EC001438 - Voltage monitoring relay
ETIM 7	EC001438 - Voltage monitoring relay
eClass	V11.0 : 27371801
E-Number (Finland)	2712565

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Grid Feeding Monitors

