



PRODUCT-DETAILS

# CSU-2LV

## CSU-2LV Current Sensing Unit



### General Information

Extended Product Type	CSU-2LV
Product ID	1SFA664002R5001
EAN	7320500524923
Catalog Description	CSU-2LV Current Sensing Unit

**Long Description**

Current sensing unit CSU-2LV is an accessory to the Arc Guard System TVOC-2 when dual conditioning of light and current is needed to prevent nuisance tripping of the Arc Guard System. Designed to be used in low voltage applications. Connect 1-4 current sensors RC120... and RC200... to the CSU-2LV to measure L1-L3 and Neutral. Measures wide range of nominal current 0,25... 4 kA and over current 0,25... 12 kA. The unit sends a continuous light to the TVOC-2 while no over current or error occurs. Settings for over current level, warning current level, measured phases etc. are done in the touch screen or through Modbus RTU communication protocol. K1 signal relay is a change-over contact that can be used to signal over current to other system. Combine the CSU-2LV with accessories TVOC-2-OP... to daisy chain several current sensing units and to connect to TVOC-2 main unit. Rated supply voltage 24... 240 V AC, 24... 250 V DC.

### Material Compliance

REACH Declaration	2AGS2022-006202
RoHS Declaration	2AGS2022-006277-RoHS
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals	9AKK108467A5658

Reporting Template  
(CMRT)

Toxic Substances Control Act - TSCA 2CMT001035D0902a

**Environmental**Ambient Air Temperature Operation -25 ... +70 °C  
Storage -25 ... +85 °C**Ordering**E-Number (Norway) 4116438  
EAN 7320500524923  
Minimum Order Quantity 1 piece  
Customs Tariff Number 85389099**Dimensions**Product Net Width 155.5 mm  
Product Net Height 141.1 mm  
Product Net Depth / Length 63.8 mm  
Product Net Weight 0.42 kg**Container Information**Package Level 1 Units box 1 piece  
Package Level 1 Width 203 mm  
Package Level 1 Height 126 mm  
Package Level 1 Depth / Length 206 mm  
Package Level 1 Gross Weight 0.58 kg  
Package Level 1 EAN 7320500524923**Additional Information**Product Main Type TVOC-2  
Product Name Current Sensing Unit  
Suitable For TVOC-2**Technical**Mounting Type Wall mounted or DIN  
Number of Auxiliary Contacts CO (SPDT) 1  
Rated Operational Voltage 24 ... 240 V AC  
24 ... 250 V DC  
Terminal Type Screw Terminals**Certificates and Declarations**Data Sheet, Technical Information 1SFC170001C0201  
Declaration of Conformity 1SFC170021D2701

- CE

Instructions and Manuals

1SFC170020M0201

### External Classifications and Standards

ETIM 9	EC001439 - Timer relay
ETIM 10	EC001440 - Current monitoring relay
IDEA Granular Category Code (IGCC)	5367 >> Control relay
UNSPSC	39122331
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.0 : 27371605

### Categories

Low Voltage Products and Systems → Circuit Breakers → External Digital Unit → Arc Guard System

