


Voltshield™

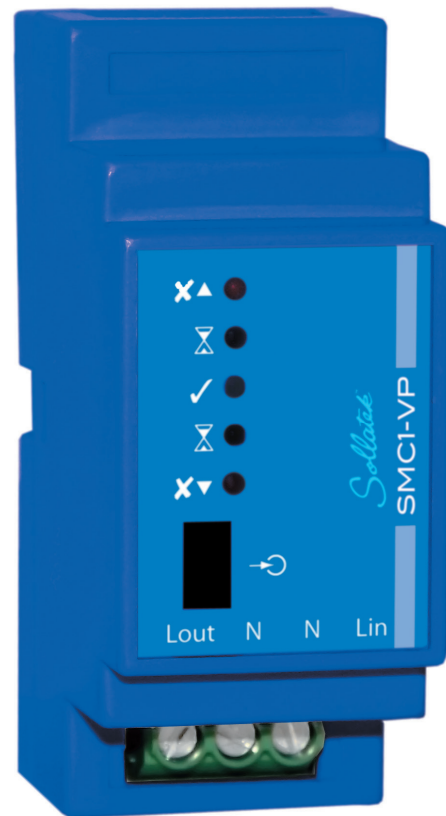
SOLLATEK MULTIFUNCTION CONTROLLER (SMC) RANGE

Description

Sollatek's Multifunction Controllers (SMC) are electronic measuring devices that monitor single phase AC voltage and initiate the output at pre-determined levels. It offers extensive programmable features and variety of options depending on the user application. Some of the main features include frequency error protection, brown-out and over-voltage protection, and intelligent time delay startup (depending on model).

Features

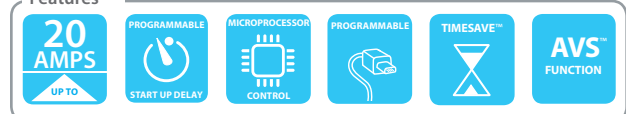
- Frequency error range detection 35-75 Hz
- Operating voltage 90V to 300V
- Low voltage protection (LVD) Range 50V to 300V
- High voltage protection (HVD) Range 50V to 300V
- TimeSave™ function (Intelligent time delay)
- AVS™ function (Automatic Voltage Switcher)
- Programmable startup delay (0-1000hr range)
- Output 20A
Operation status indication, up to 5 LEDs
- All variables are programmable through a proprietary Sollatek programming key
- Supplied with standard settings



Protects against



Features



Specification

Model	SMC1-TD1-20A	SMC1-LV-20A	SMC1-HV-20A
Description	counter/time delay only	LVD Only	HVD Only
Under voltage (LVD)† Volts	X	185 (90-300)	X
Overvoltage (HVD)* Volts	X	X	260 (90-300)
Type of delay time	intelligent	intelligent	intelligent
Start-up delay	200s (0-1000hr+)	10s (0-1000hr+)	10s (0-1000hr+)
Frequency Error	X	X	X
Further data			
Output	20A Switched Live		
Indication of operational status			
LED Red (High)	X	X	Yes
LED Yellow (High)	Yes	X	Yes
LED Green	Yes	Yes	Yes
LED Yellow (Low)	X	Yes	X
LED Red (Low)	X	Yes	X
Stock Number			

Model	SMC1-VP-20A	SMC1-FE-20A	SMC1-MF-20A
Under voltage (LVD) Volts	185 (90-300)	X	185 (90-300)
Overvoltage (HVD) Volts	260 (90-300)	X	260 (90-300)
Type of delay time	intelligent	intelligent	intelligent
Start-up delay	200s (0-1000hr+)	10s (0-1000hr+)	200s (0-1000hr+)
Frequency Error	X	45/55 (35/75)	45/55 (35/75)
Further data			
Output	20A Switched Live		
Indication of operational status			
LED Red (High)	Yes	Yes	Yes
LED Yellow (High)	Yes	Yes	Yes
LED Green	Yes	Yes	Yes
LED Yellow (Low)	Yes	Yes	Yes
LED Red (Low)	Yes	Yes	Yes
Input/measuring circuit			
Surge Protection	Type II 4.5KA 122J		
Nominal Voltage	90-300V		
Phases	1 Phase		
Nominal frequency	50/60Hz		
Stock Number	95P1VP00-20	95P1FE00-20	95P1MF00-20

General Specification

Units per carton	30
Units per pallet	1260
Unit Weight (grams)	100
Unit Dimension (mm)	93 x 59 x 37
Units per carton	30
Units per pallet	1260
Unit Weight (grams)	100
Unit Dimension (mm)	93 x 59 x 37

*High Voltage Disconnect

† Low Voltage Disconnect



Sollatek Product Programmer (SPP)

The Sollatek Product Programmer (SPP) is a USB device that allows the user to configure the operation of various Sollatek products according to their requirements.

The SPP is battery powered, recharging through the USB connection. The user can adjust parameters on a PC within a windows application and store this configuration in the SPP. The SPP can then be disconnected from the PC and used to remotely update Sollatek products in-situ simply by connecting to the product's ICP connector and pressing the program button.

Sollatek (UK) Ltd. Sollatek House, Waterside Drive, Langley, Slough, SL3 6EZ, UK

Tel: +44 (0)1753 214 500 Fax: +44 (0)1753 214 580

Technical support: sollateksupport@sollatek.com Sales: sales@sollatek.com www.sollatek.com

©Sollatek (UK) Limited 2020. All Rights Reserved. SOLLATEK and the SOLLATEK device are the trade marks of the Sollatek group of companies.

