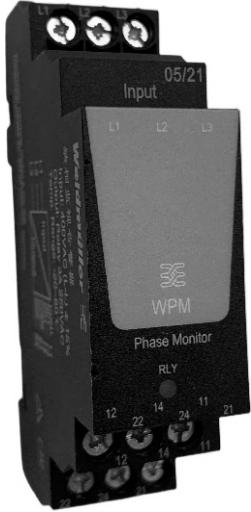


Phase Monitor

WPM-VMR-3PH-PH-A 2797880000



■ Specification

Channel: 1

Input:

Input signal: 3-Phase
Input range: 400V AC(L-L) ± 15%
Input frequency: 48Hz~63Hz

Output:

Contacts of relay: 2 set of individual SPDT
Max Switching voltage: 250VAC/30VDC
Continuous current: 3A @ 250VAC/30VDC
Mechanical endurance: 1×10^7
Alarm mode: Phase Loss

Insulation Coordination:

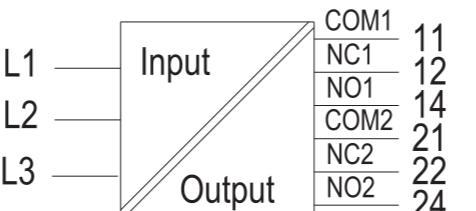
Standards: EN61010
EMC standards: IEC61000-6-2, IEC61000-6-4
Rated voltage: 300VAC
Impulse withstand voltage: 4000V(1.2/50us)
Isolation voltage: 2000VAC, 1min, 50Hz
Overvoltage category: II
Pollution degree: 2

General Data:

Operating temperature: -20 ~ +60°C
Storage temperature: -40 ~ +85°C
Humidity: 0 ~ 85%, Tu=40°C, no condensation
Indicator:
LED RLY: Green, Relay closed

Approval: CE

■ Wiring



■ Introduction

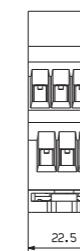
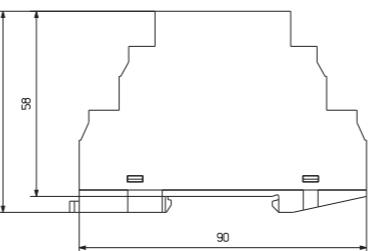
The module monitors the status of the Phase in three-phase power supply system. A relay with changeover contact is used for the switching output. The relay acts while the monitored parameters are normal; the relay resets while the monitored parameters are abnormal. The input and output are galvanically isolated between each other.

Weidmüller Interface GmbH Klingenbergrstr.26
32758 Detmold
Germany

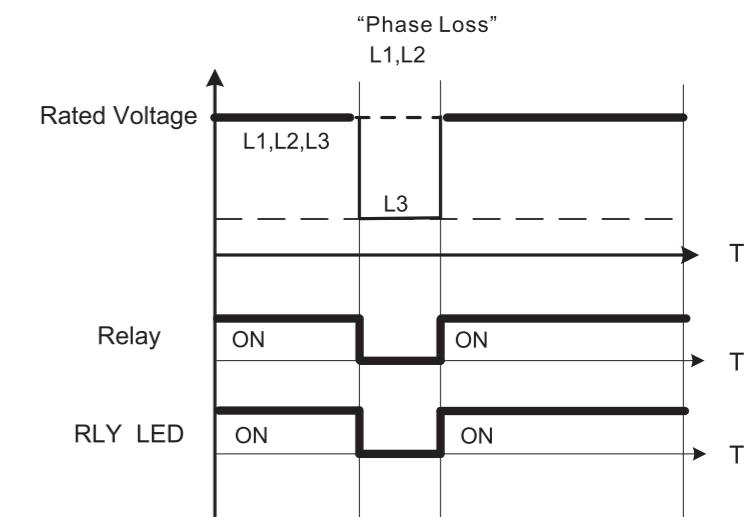
Weidmüller Interface (Shanghai) Co.,Ltd.
25F, BM Intercontinental Business Center, 100 Yutong Road, Shanghai,
China, 200070
Phone: +86 21 2219-5008
Fax: +86 21 2219-5009
www.weidmueller.com.cn

■ Dimensions

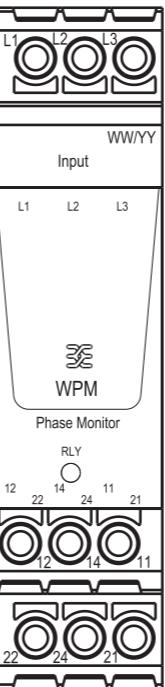
Height x Length x Width : 90 x 63 x 22.5 (mm)



■ Working sequence drawing



■ Front cover and terminal definition



■ Maintenance

- (1) Before powering the isolator, make sure the model type is correct according to the design and the application environmental conditions.
- (2) Please choose the power supply with short circuit protection function.
- (3) After the electronic products have been powered for more than fifteen minutes, the temperature of them should be stable.
- (4) It is strictly prohibited to test the insulation capability between any two terminals of the product by a mega-ohmmeter. All of the connecting wires of the isolator must be disconnected, before testing the insulation of the system, otherwise internal components will be destroyed.
- (5) Each product has been tested strictly and the quality is controlled rigidly. If you have any questions regarding this product, contact the nearest distributor or our company technical support hotline directly for assistance.
- (6) In 12 months from delivery date, if the product works improperly in the process of normal usage, we will repair or replace it without charge.

■ Installation

The product is designed to be mounted onto a TS 35 DIN rail. It clips onto the rail via a spring-loaded mounting foot and can be removed via a spring release on the edge of the product near the mounting rail.

