

MFR 300 K45

Supplement | Multifunction Relay



MFR 300 Option K45

Software Version 1.0213 or higher

37633

Designed in Germany.

This is no translation but the original document.

Woodward GmbH

Handwerkstrasse 29

70565 Stuttgart

Germany

Telephone: +49 (0) 711 789 54-510

Fax: +49 (0) 711 789 54-101

Email: stgt-info@woodward.com

Internet: <http://www.woodward.com>

1 General Information

1.1 About This Document

1.1.1 Revision History

Rev.	Date	Editor	Changes
NEW	2016-05-10	GG	<p>Manual</p> <ul style="list-style-type: none"> Release with software version 1.0213 <p>This Option K45 Technical Manual (#37633) describes the changes and additional functions in comparison to the MFR-300 device and documentation. The MFR-300 Technical Manual listed below is the mandatory basic part of the Option K45 device description:</p> <ul style="list-style-type: none"> MFR 300 Technical Manual (#37538 Revision C or higher) <p>Option K45 specific device features & software updates</p> <ul style="list-style-type: none"> Implementation of a NEW parameter 2145 ↗ p. 5 "<i>Startup delay</i>" to block relais activation/de-activation but keep defined ERROR state of the relays.

1.2 Safety Instruction, Warnings, Notes, ...

See Master Technical Documentation



DANGER!

This document has no own safety instructions etc. because it is a supplementary sheet only. As a well trained professional user you take care to respect risk and danger working with electrical devices and mechanical engines! Device specific information is located at the master Technical Manual of the device.

1.3 Copyright And Disclaimer

Disclaimer

All information and instructions in this manual have been provided under due consideration of applicable guidelines and regulations, the current and known state of the art, as well as our many years of in-house experience. Woodward assumes no liability for damages due to:

- Failure to comply with the instructions in this manual
- Improper use / misuse
- Willful operation by non-authorized persons
- Unauthorized conversions or non-approved technical modifications
- Use of non-approved spare parts

The originator is solely liable to the full extent for damages caused by such conduct. The agreed upon obligations in the delivery contract, the general terms and conditions, the manufacturer's delivery conditions, and the statutory regulations valid at the time the contract was concluded, apply.

Copyright

This manual is protected by copyright. No part of this manual may be reproduced in any form or incorporated into any information retrieval system without written permission of Woodward GmbH.

Delivery of this manual to third parties, duplication in any form - including excerpts - as well as exploitation and/or communication of the content, are not permitted without a written declaration of release by Woodward GmbH.

Actions to the contrary will entitle us to claim compensation for damages. We expressly reserve the right to raise any further accessory claims.

2 New Parameter to Delay Relay Action at Startup

2.1 Startup delay

Configure duration time of holding relays on ERROR state during device startup

This delay time blocks all relays from starting the device for the defined duration time. During this time

- unexpected or disturbing values and/or signals have no effect
- the breakers stay intentionally in their defined (OPEN/ CLOSED) state of ERROR.

ID	Parameter	CL	Setting range [Default]	Description
2145	Startup delay	2	[0] sec.	This is the duration time for which all relays will be hold on their ERROR state during startup of the MFR-300 device. If set to 0, this function is OFF (no delay).
			0..180 sec.	



Woodward GmbH

Handwerkstrasse 29 - 70565 Stuttgart - Germany

Phone +49 (0) 711 789 54-510

Fax +49 (0) 711 789 54-101

stgt-info@woodward.com