

EU RO Mutual Recognition Technical Requirements

Technical Interpretation (MR TI)

MR TI Ref: TI009	Relating to MR Technical Requirements for: ELECTRICAL/ELECTRONIC RELAYS <i>(Version 0.3 adopted on 01 April 2016)</i>	MR TI Version	0.0
		MR TI Status	Released
		MR TI Date of Issue	2018-11-21
		Tier	2
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Background:

A manufacturer of electrical and electronic relays sought clarification on the use of this product in protection applications in switchgears having higher voltage level than 1 kV, based on the following requirement within the MR Technical Requirement (MR TR) for '**ELECTRICAL/ELECTRONIC RELAYS**':

1.b Application limitations

a) Restricted to LV relays according to IEC 60947-5-1 and IEC 60255 installed onboard ships with exceptions as per SOLAS Ch. I, Reg. 3

The question has been raised whether the mentioned limitation refers to the fact that the product itself (i.e. **Electrical/Electronic Relays**) has to be a low voltage product, but can be used for protection applications in switchgears having higher voltage level than 1 kV and its MR Type Approval Certificate should be valid under these circumstances.

EU RO MR Technical Committee Response:

The EU RO MR Technical Committee confirms that MR TR for '**ELECTRICAL/ELECTRONIC RELAYS**' explicitly excludes the use of this product in protection applications in switchgears having higher voltage level than 1 kV, as per the following clause:

1.c Intended use

a) Power supply system characteristics as per IEC 60092-101; 2.8;

NB: *IEC 60092-101 Electrical Installations in Ships - Part 101: Definitions and General Requirements* are applicable, unless otherwise indicated, to a.c. and d.c. installations, up to and including 1 kV.

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MR TI APPROVAL DATE AND REVISION NUMBER

Date	Revision	Comment

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