

Type Approval Certificate



This is to certify that the undemoted product(s), has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 32 915 - 06 HH

Company H. Zander GmbH & Co. KG

Am Gut Wolf 15
52070 Aachen, GERMANY

Product Description Safety Relay

Type SR3C AC/DC 24V, SR3D AC/DC 24V
SR3C AC 115/230V, SR3D AC115/230V

Environmental Category C

Technical Data / Range of Application Operational voltage 115 / 230 V AC 50/50 Hz
24 V AC/DC an insulating transformer acc. to EN60742 must be used

safety contacts 3 NO AC: 250 V, 2000 VA, 8 A for AC-12
250 V, 3A, AC-15
DC: 50 V, 400 W, 8A for DC-12,
24 V, 3A, DC13

auxilliary contact 1 NC AC: 250 V, 500 VA, 2A for AC-12
250 V, 3A, AC-15
DC: 50 V, 100 W, 2A for DC-12

Stop category: 0 acc. IEC 60204-1

Safety category: 1 acc. IEC954-1 (1 channel emergency stop circuit)

Safety category: 4 acc. IEC954-1 (2 channel emergency stop circuit)

Application acc. to manufactures manual

Test Standard Guidelines for the Performance of Type Approvals Part 2, Edition 2012
IEC60204-1:1997, EN50156:2005

Documents Test report : 23.520.25/02-43-171/I dated 2003-12-08 (BG-PRÜFZERT)
08-12-2005 dated 2005-12-14 (RMS), 968/EZ344.00/09 dated 2009-02-13 (TÜV)
IMST EMV-Prüfberichr Nr. Zander_1247 dated 2014-01-23
TÜV Rheinland Bericht-Nr.: 968/M 221.01/14 dated 2014-01-31

Remarks None

Valid until 2019-04-16

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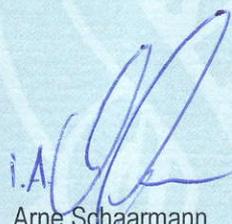
File No. I.K.04

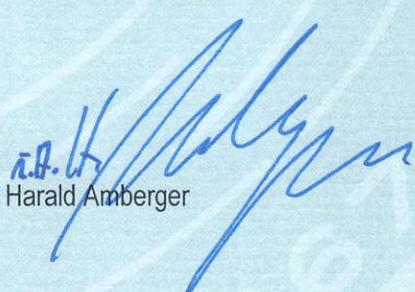
Hamburg, 2014-04-17

Type Approval Symbol



Germanischer Lloyd


Arne Schaarmann


Harald Amberger