

TYPE APPROVAL CERTIFICATE

DNV·GL

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

Certificate No. **94 126 - 10 HH**

Company **Murrelektronik GmbH**
Falkenstr. 3
71570 Oppenweiler, GERMANY

Product Description **Single phase transformers for installation in switch cabinets, control panels**

Type **Serie MST**

Environmental Category **C**

Technical Data / Range of Application **Series MST specified by Article no. 86 followed by three or four digits.**
NOMENCLATURE: MST aaaa - bb / b'b'
I II III IV
I - Series designation
II - Power in VA (max. 0025 ... 5000)
III - Primary Winding Voltage rating
IV - Secondary Winding Voltage rating
Ratings based on manufacturer's data sheet.
Rated power: 25 ... 5000VA
Input (primary voltage): max. 600V AC (typical 230V AC/400V AC)
Output (secondary voltage): max. 600V AC
(typical 12/24/115/2x24/2x115V AC),
multiple tapings are possible
Frequency: 50/60Hz
Degree of Protection: IP00 (devices for indoor only)

Test Standard **Guidelines for the Performance of Type Approvals, Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2003**
GL I-1-3 Electrical Installations, section 20B, Edition 2008

Documents **Test reports: Murrelektronik no. 86327_pz09365_typ_p_a (10.12.09), 86071-86451-86327-86351-Entflammbarkeit_pz09365_typ_k_c (01.04.10), Kriwan no. 009536_01_B (01.12.09);**
Data sheets, catalogue transformers

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.**
The notes in the data sheet are to be observed.

Valid until **2020-04-28**

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File No. **I.G.07**

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Type Approval Symbol



DNV GL


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