

# Type Approval Certificate



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

Certificate No. 98 794 - 96 HH

Company Elhand Transformatory Sp. z o.o.

ul. Pck 22  
42-700 Lubliniec, Poland

Product Description Three phase dry transformers

Type ET3SM-25, ET3SM-40, ET3SM-63, ET3SM-100, ET3SM-115  
ET3SM-125, ET3SM-160, ET3SM-250, ET3SM-630

Environmental Category H

Technical Data / Range of Application Rated power 25 kVA, 40 kVA, 63 kVA, 100 kVA, 115 kVA  
125 kVA, 160 kVA, 250 kVA, 630 kVA

Primary voltage 400 V +/- 2,5 % up to 690 V +/- 2,5 %  
Secondary voltage 230 V up to 450 V  
Frequency 50 Hz and 60 Hz  
Degree of prot. IP 23  
Casing BG 23 E .... MP2 and BG23 E .... MP3  
Ambient temp. 45 ° C  
Thermal class F, H  
Cooling AN, natural cooling

Sea realisation

Test Standard Regulations for the Performance of Type Tests, part 4, edition 1999  
PN-IEC 726+A1:1997 / IEC 60726:1982 + AMD 1:1986

Documents Test reports: PL/177/96 of 16.05./20.5./29.05.96, EX/003/96 of 12.06./14.06.96  
PL/001/98/52 of 16.04.98, PL/002/98/22 of 13.05.98, PL/003/98/52 of 16.04.98  
PL/0014/2002/22 of 01.10.2002, Serve manual of 29.05.1998  
Drawings incl. in PL/177/96, Material

Remarks None

Valid until 2018-05-26

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Type Approval Symbol



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