

CERTIFICATE



No. 0P250224.ZTE0N12

Test Report / Technical Construction File no. TLZJ25021867072

Certificate's Holder: Zhejiang Tongzheng Electric Co., Ltd.
Huabei Village, Liushi Town, Yueqing City, Wenzhou City,
Zhejiang Province, China

Certification
ECM Mark



Product: Surge Protective Device
Model(s): TOV1-B, C, D, TZG40-B, C, D
(see the following annex)

Verification to: Standard:
EN 61643-11:2012+A11:2018, IEC 61643-11:2011
related to CE Directive(s):
2014/35/EU (Low Voltage)

Remark:

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directive/standard. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. This document was issued in accordance with regulation RGVOL01 published on the website of www.entecerma.it and concerning voluntary certifications with a non-notified procedure.

Issuance date: 24 February 2025

Expiry date: 23 February 2030

For online check:



Approver
Ente Certificazione Macchine
Legal Representative
Luca Bedonni





Annex I

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Product Model	Protection Mode	Uc (V)	I _{max} (kA)	I _n (kA)	U _p (kV)	Combination mode
TOV1-D10/1P, TZG40-D10/1P	L-PE/N-PE	275, 385, 420, 440	10	5	1.2	One pole (1P)
TOV1-D10/2P, TZG40-D10/2P	L-PE/N-PE	275, 385, 420, 440	10	5	1.2	Two pole (2P)
TOV1-D10/3P, TZG40-D10/3P	L-PE/N-PE	275, 385, 420, 440	10	5	1.2	Three pole (3P)
TOV1-D10/4P, TZG40-D10/4P	L-PE/N-PE	275, 385, 420, 440	10	5	1.2	Quadrupole (4P)
TOV1-D20/1P, TZG40-D20/1P	L-PE/N-PE	275, 385, 420, 440	20	10	1.5	One pole (1P)
TOV1-D20/2P, TZG40-D20/2P	L-PE/N-PE	275, 385, 420, 440	20	10	1.5	Two pole (2P)
TOV1-D20/3P, TZG40-D20/3P	L-PE/N-PE	275, 385, 420, 440	20	10	1.5	Three pole (3P)
TOV1-D20/4P, TZG40-D20/4P	L-PE/N-PE	275, 385, 420, 440	20	10	1.5	Quadrupole (4P)
TOV1-C40/1P, TZG40-C40/1P	L-PE/N-PE	275, 385, 420, 440	40	20	1.8	One pole (1P)
TOV1-C40/2P, TZG40-C40/2P	L-PE/N-PE	275, 385, 420, 440	40	20	1.8	Two pole (2P)
TOV1-C40/3P, TZG40-C40/3P	L-PE/N-PE	275, 385, 420, 440	40	20	1.8	Three pole (3P)
TOV1-C40/4P, TZG40-C40/4P	L-PE/N-PE	275, 385, 420, 440	40	20	1.8	Quadrupole (4P)
TOV1-B60/1P, TZG40-B60/1P	L-PE/N-PE	275, 385, 420, 440	60	30	2.0	One pole (1P)
TOV1-B60/2P, TZG40-B60/2P	L-PE/N-PE	275, 385, 420, 440	60	30	2.0	Two pole (2P)
TOV1-B60/3P, TZG40-B60/3P	L-PE/N-PE	275, 385, 420, 440	60	30	2.0	Three pole (3P)
TOV1-B60/4P, TZG40-B60/4P	L-PE/N-PE	275, 385, 420, 440	60	30	2.0	Quadrupole (4P)
TOV1-B80/1P, TZG40-B80/1P	L-PE/N-PE	275, 385, 420, 440	80	40	2.4	One pole (1P)
TOV1-B80/2P, TZG40-B80/2P	L-PE/N-PE	275, 385, 420, 440	80	40	2.4	Two pole (2P)
TOV1-B80/3P, TZG40-B80/3P	L-PE/N-PE	275, 385, 420, 440	80	40	2.4	Three pole (3P)
TOV1-B80/4P, TZG40-B80/4P	L-PE/N-PE	275, 385, 420, 440	80	40	2.4	Quadrupole (4P)
TOV1-B100/1P, TZG40-B100/1P	L-PE/N-PE	275, 385, 420, 440	100	60	2.5	One pole (1P)
TOV1-B100/2P, TZG40-B100/2P	L-PE/N-PE	275, 385, 420, 440	100	60	2.5	Two pole (2P)
TOV1-B100/3P, TZG40-B100/3P	L-PE/N-PE	275, 385, 420, 440	100	60	2.5	Three pole (3P)
TOV1-B100/4P, TZG40-B100/4P	L-PE/N-PE	275, 385, 420, 440	100	60	2.5	Quadrupole (4P)