

CERTIFICATE

Issued to:
Applicant:
ABB Stotz-Kontakt GmbH
Eppelheimer Str. 82
69123 Heidelberg, Germany

Product : Surge protective devices
Trade name(s) : ABB
Type(s)/model(s) : OVR T1-T2 1N 50-255 P TS, OVR T1-T2 3L 75-255 P TS,
OVR T1-T2 3N 100-255 P TS and OVR T1-T2 4L 100-255 P TS

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to EN 61643-11:2012 and EN 61643-11:2012/A11:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 961720
- the licensee is registered with the number 164748

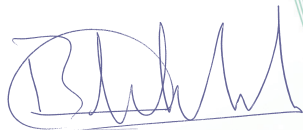
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 16 March 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-127618

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Surge protective devices
Trade name(s)	: ABB
Type(s)/model(s)	: OVR T1-T2 1N 50-255 P TS, OVR T1-T2 3L 75-255 P TS, OVR T1-T2 3N 100-255 P TS and OVR T1-T2 4L 100-255 P TS
SPD type/class	: 1/I and 2/II
Voltage protection level (Up)	: $\leq 1,5$ kV
Rated load current (IL)	: 125 A
Maximum overcurrent protection	: 315A gL/gG for parallel wiring 125A gL/gG for serial wiring
Remote contact	: provided with remote contact
Rated voltage (Un) / current	: 250 Vac 250 Vdc 125 Vdc 75 Vdc 0,5 A 0,1 A 0,2 A 0,5 A
Connection	: Max 1,5 mm ² solid or flexible

Product data – type OVR T1-T2 1N 50-255 P TS

Part No.	: 2CTB812511R2300
Mode of protection	: L-N / N-PE
Maximum continuous operating voltage (Uc)	: 264 V / 255 V
Impulse discharge current (Iimp)	: 25 kA / 50 kA
Nominal discharge current (In)	: 25 kA / 50 kA
Total discharge current (ITotal)	: 50 kA
Short-circuit current rating (Iscrr)	: 50 kA
Number of poles	: 2

Product data – type OVR T1-T2 3L 75-255 P TS

Part No.	: 2CTB812751R2300
Mode of protection	: L-PEN
Maximum continuous operating voltage (Uc)	: 264 V
Impulse discharge current (Iimp)	: 25 kA
Nominal discharge current (In)	: 25 kA
Total discharge current (ITotal)	: 75 kA
Short-circuit current rating (Iscrr)	: 50 kA
Number of poles	: 3

Product data – type OVR T1-T2 3N 100-255 P TS

Part No.	: 2CTB812111R2300
Mode of protection	: L-N / N-PE
Maximum continuous operating voltage (Uc)	: 264 V / 255 V
Impulse discharge current (Iimp)	: 25 kA / 100 kA
Nominal discharge current (In)	: 25 kA / 100 kA
Total discharge current (ITotal)	: 100 kA
Short-circuit current rating (Iscrr)	: 50 kA
Number of poles	: 4

Product data – type OVR T1-T2 4L 100-255 P TS

Part No.	: 2CTB812101R2300
Mode of protection	: L/N-PE

Maximum continuous operating voltage (Uc)	: 264 V
Impulse discharge current (Iimp)	: 25 kA
Nominal discharge current (In)	: 25 kA
Total discharge current (ITotal)	: 100 kA
Short-circuit current rating (Iscrr)	: 50 kA
Number of poles	: 4

TESTS

Test requirements

EN 61643-11:2012

EN 61643-11:2012/A11:2018

Test result

The test results are laid down in DEKRA test file 227418900.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 164748.