

CERTIFICATE

Issued to:
Applicant:
Merz Schaltgeräte GmbH + Co KG.
Kernerstrasse 15
74405 Gaildorf / Württemberg, Germany

Licensee:
Merz Schaltgeräte GmbH + Co KG.
Kernerstrasse 15
74405 Gaildorf / Württemberg, Germany

Product : Switch-disconnector
Trade name(s) : MERZ
Type(s)/model(s) : ML0-16 and ML0-32

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

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

- a type test according to EN IEC 60947-3:2021
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 936762

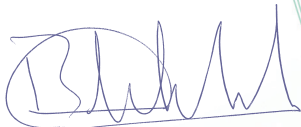
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 23 April 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-139146 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



MT Tonsi
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Switch-disconnector
Trade name(s)	: MERZ
Type(s)/model(s)	: ML0-16 and ML0-32
Rated insulation voltage	: Pollution degree 3 Ui 400 Vac Pollution degree 2 Ui 690 Vac
Electrical ratings	: see page 3
Rated conditional short-circuit current	: 10 kA, when the cut-off current to a maximum of 3415 A and the Joule integral to a maximum of 10,22 kA ² s. Fuse-links during test: manufacturer Siba type NH00, gL/gG, 35A, 690 V, 120 kA
Rated impulse withstand voltage	: 6 kV
Connection capacity	: 1,5 mm ² - 6 mm ² flexible 1,5 mm ² - 10mm ² solid
Enclosure	: thermoplastic or metal material dimensions: height: 95 mm, depth: 130 mm, width: 80 mm
Description	: switch-disconnector, 4-poles, for front mounting or base mounting

Product data – type ML0-16

Conventional thermal current (I _{th})	: 25 A
Conventional enclosed thermal current (I _{the})	: 25 A

Product data – type ML0-32

Conventional thermal current (I _{th})	: 32 A
Conventional enclosed thermal current (I _{the})	: 32 A

TESTS**Test requirements**

EN IEC 60947-3:2021

Test result

The test results are laid down in DEKRA test file 228406500.

Additional information

This certificate replaces certificate No. 71-139146 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory locationsIMS Trade s.r.o.
Hrncirska 1227
35735 Chodov, Czech Republic

PCE Polska Sp. z.o.o.
Ul. Podwalna 8a
58-200 Dzierzoniow, Poland

ML0 -16**AC-21A 25 A – 690 Vac****AC-22A 25 A – 690 Vac****ML0-32****32 A – 690 Vac****32 A – 690 Vac**

Voltage	AC-3	AC-23A	AC3	AC-23A
230 Vac	5,0 kW 18,5 A	5,0 kW 18,5 A	5,5 kW 20,0 A	5,5 kW 20,0 A
400 Vac	7,5 kW 15,5 A	7,5 kW 15,5 A	9,0 kW 18,5 A	9,0 kW 18,5 A
500 Vac	8,5 kW 14,0 A	8,0 kW 13,0 A	9,5 kW 15,6 A	9,0 kW 14,8 A
690 Vac	9,5 kW 11,2 A	9,0 kW 10,5 A	11,5 kW 13,5 A	11,0 kW 12,8 A