

CERTIFICATE

Issued to:
Applicant:
GEWISS S.p.A.
1 Via Domenico Bosatelli
24069 Cenate Sotto, Italy

Licensee:
GEWISS S.p.A.
1 Via Domenico Bosatelli
24069 Cenate Sotto, Italy

Product : switch-disconnector
Trade name(s) : GEWISS
Type(s)/model(s) : 90 AM series

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 IEC 60947-3:2021
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2091228

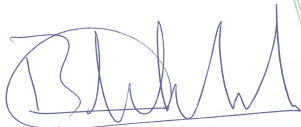
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 13 March 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-137490

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: switch-disconnector
Trade name(s)	: GEWISS
Type(s)/model(s)	: GW96104, GW96105, GW96106, GW96114, GW96115, GW96116, GW96124, GW96125, GW96126, GW96134, GW96135, GW96136, GW96146, GW96147, GW96148, GW96149, GW96156, GW96157, GW96158, GW96159, GW96166, GW96167, GW96168, GW96169, GW96176, GW96177, GW96178 and GW96179
Kind of current	: AC
Method of operation	: semi-independent manual operation
Suitability for isolation	: suitable
Number of positions of the main contacts	: 2 (ON and OFF)
Rated insulation voltage (Ui)	: 500 V
Rated impulse withstand voltage (Uimp)	: 4 kV
Conventional free air thermal current (Ith)	: equal to Ie
Rated frequency	: 50/60 Hz
Rated duty	: uninterrupted duty

Product data – type GW96104

Number of poles	: 1 pole
Rated operational voltage (Ue)	: 240 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 32 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 3,80 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96105

Number of poles	: 1 pole
Rated operational voltage (Ue)	: 240 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 40 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 3,80 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96106

Number of poles	: 1 pole
Rated operational voltage (Ue)	: 240 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 63 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 3,80 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96114

Number of poles	: 2 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 32 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,14 kA Joule integral (I ² t) to a maximum of 17,5 kA ² s

Product data – type GW96115

Number of poles	: 2 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 40 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,14 kA Joule integral (I ² t) to a maximum of 17,5 kA ² s

Product data – type GW96116

Number of poles	: 2 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 63 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,14 kA Joule integral (I ² t) to a maximum of 17,5 kA ² s

Product data – type GW96124

Number of poles	: 3 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 32 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,20 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96125

Number of poles	: 3 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 40 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,20 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96126

Number of poles	: 3 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 63 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,20 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96134

Number of poles	: 4 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 32 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,20 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96135

Number of poles	: 4 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 40 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,20 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96136

Number of poles	: 4 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-23B
Rated conditional short-circuit current	: 6 kA
Rated operational current (Ie)	: 63 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,20 kA Joule integral (I ² t) to a maximum of 18,0 kA ² s

Product data – type GW96146

Number of poles	: 1 pole
Rated operational voltage (Ue)	: 240 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (Ie)	: 63 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,26 kA Joule integral (I ² t) to a maximum of 20,0 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,61 kA
Joule integral (I²t) to a maximum of 54,9 kA²s

Product data – type GW96147

Number of poles	: 1 pole
Rated operational voltage (Ue)	: 240 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (Ie)	: 80 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,26 kA Joule integral (I ² t) to a maximum of 20,0 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,61 kA
Joule integral (I²t) to a maximum of 54,9 kA²s

Product data – type GW96148

Number of poles	: 1 pole
Rated operational voltage (Ue)	: 240 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (Ie)	: 100 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,26 kA Joule integral (I ² t) to a maximum of 20,0 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,61 kA
Joule integral (I²t) to a maximum of 54,9 kA²s

Product data – type GW96149

Number of poles	: 1 pole
Rated operational voltage (Ue)	: 240 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (Ie)	: 125 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,26 kA Joule integral (I ² t) to a maximum of 20,0 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,61 kA
Joule integral (I²t) to a maximum of 54,9 kA²s

Product data – type GW96156

Number of poles	: 2 pole
Rated operational voltage (Ue)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (Ie)	: 63 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,29 kA Joule integral (I ² t) to a maximum of 20,0 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 3,82 kA
Joule integral (I²t) to a maximum of 42,0 kA²s

Product data – type GW96157

Number of poles	: 2 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 80 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,29 kA Joule integral (I ² t) to a maximum of 20,0 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 3,82 kA
Joule integral (I²t) to a maximum of 42,0 kA²s

Product data – type GW96158

Number of poles	: 2 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 100 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,29 kA Joule integral (I ² t) to a maximum of 20,0 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 3,82 kA
Joule integral (I²t) to a maximum of 42,0 kA²s

Product data – type GW96159

Number of poles	: 2 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 125 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,29 kA Joule integral (I ² t) to a maximum of 20,0 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 3,82 kA
Joule integral (I²t) to a maximum of 42,0 kA²s

Product data – type GW96166

Number of poles	: 3 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 63 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,46 kA Joule integral (I ² t) to a maximum of 21,9 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,56 kA
Joule integral (I²t) to a maximum of 49,6 kA²s

Product data – type GW96167

Number of poles	: 3 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 80 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,46 kA Joule integral (I ² t) to a maximum of 21,9 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,56 kA
Joule integral (I²t) to a maximum of 49,6 kA²s

Product data – type GW96168

Number of poles	: 3 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 100 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,46 kA Joule integral (I ² t) to a maximum of 21,9 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,56 kA
Joule integral (I²t) to a maximum of 49,6 kA²s

Product data – type GW96169

Number of poles	: 3 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 125 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,46 kA Joule integral (I ² t) to a maximum of 21,9 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,56 kA
Joule integral (I²t) to a maximum of 49,6 kA²s

Product data – type GW96176

Number of poles	: 4 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 63 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,46 kA Joule integral (I ² t) to a maximum of 21,9 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,56 kA
Joule integral (I²t) to a maximum of 49,6 kA²s

Product data – type GW96177

Number of poles	: 4 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 80 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,46 kA Joule integral (I ² t) to a maximum of 21,9 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,56 kA
Joule integral (I²t) to a maximum of 49,6 kA²s

Product data – type GW96178

Number of poles	: 4 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 100 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,46 kA Joule integral (I ² t) to a maximum of 21,9 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,56 kA
Joule integral (I²t) to a maximum of 49,6 kA²s

Product data – type GW96179

Number of poles	: 4 pole
Rated operational voltage (U _e)	: 415 Vac
Utilization category	: AC-22A
Rated conditional short-circuit current	: 6 kA with SCPD fuse 4,5 kA with SCPD circuit-breaker
Rated operational current (I _e)	: 125 A
Kind of protective device	: Fuse, 63 A, gG, 22 x 58, manufactured by Omega Cut-off current to a maximum of 4,46 kA Joule integral (I ² t) to a maximum of 21,9 kA ² s

Circuit-breaker, type MTHP, C125, manufactured by GEWISS
Cut-off current to a maximum of 4,56 kA
Joule integral (I²t) to a maximum of 49,6 kA²s

TESTS**Test requirements**

EN IEC 60947-3:2021

Test result

The test results are laid down in DEKRA test file 228405000.

Additional information

This certificate replaces certificate No. 2159558.02 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 300575 and 2519.