

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50518151 0001

Report No.: CN212JEJ 002

Holder: PRO-TEC Sp.z o.o.
345 Wolnosci Str,
41-800 Zabrze
Poland

Product: Surge Protector
(Surge Protective Device)

Identification:

Type Designation	: BY1-C/1; BY1-C/2 BY1-C/3; BY1-C/4
Serial No.	: Engineering Samples
Uc	: 280 V AC
Up	: 1.3 kV (L-PE, N-PE)
Type of SPD	: Type 2
Remark: Certificate issued in conjunction with R50518145 0001	

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.



Certification Body

Zhao Xinhua

Date 26.09.2021

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with.



Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50518145

Blatt Sheet
0001

Ihr Zeichen Client Reference
D.Z.J.

Unser Zeichen Our Reference
01-YangYongM-CN212JEJ

Ausstellungsdatum Date of Issue
002 26.09.2021 (day/mo/yr)

Genehmigungsinhaber License Holder

PRO-TEC Sp.z o.o.
345 Wolnosci Str,
41-800 Zabrze
Poland

Fertigungsstätte Manufacturing Plant

040-0002304065

Prüfzeichen Test Mark



Geprüft nach Tested acc. to

EN 61643-11:2012+A11

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Surge Protector (Surge Protective Device)

Type Designation : BY1-C/1; BY1-C/2
BY1-C/3; BY1-C/4
Maximum continuous
Operating voltage (Uc) : 280 V AC
Voltage protection
level (Up) : 1.3 kV (L-PE, N-PE)
Short-circuit current
rating (Iscrr) : 20 kA
In : 20 kA
Imax : 40 kA
Type of SPD : Type 2
Temperature of operation : -5°C to 40°C
Location : Indoor

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com
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Zertifizierungsstelle

Zhao Xinhua