

OFERTA TEHNICĂ

Nr	Denumirea	**Referința producătorului	Cantitatea		Term. de livrare	Term. de garanție
1	Limitatoare de supratensiune 10 kV	Surge Arrester 2SS15N-RP 8 kV + Connector CL + Earthing conductor Cu 35mm2 - 0,5m with cable lugs for M12 bolt	un.	948	50 zile	24 luni

**Producator: IZOELEKTRO d.o.o.

Fisa tehnica Limitatoare de supratensiune 10 kV

Specificații tehnice		
Descărcător din oxid metalic 10 kV (Ur = 10 kV Uc 8,4 kV)		Offered by
Standard – IEC 60099-4, IEEE62.11,		IZOELEKTRO d.o.o.
Frecvența nominală, (Hz)	50	50
Învelișul	Polimer	Polymer - silicone
Curentul nominal de descărcare, kA	10	10
Clasa de descărcare	1	1
Clasa tensiunii rețelei, kV	10	10
Tensiunea maximală de serviciu continua Uc, kV	8,4	8
Curentul maximal al s.c. kA	20	20
Tensiunea reziduală pe descărcător cu unda 8/20ps, kA	10	10

Technical information		
U _c	8 kV	Continuous operating voltage
U _r	10 kV	Rated voltage
U _{res}	25,84 kV	Residual voltage
AD	154 mm	Arcing distance
CD	343 mm	Creepage distance
A	120 mm	Minimum distance to wall
B	140 mm	Minimum distance between phases
H	136 mm	Surge arrester height
N	3	Number of Sheds

General data		
I _n	≥ 10 kA	Nominal discharge current
I _{4/10}	≥ 100 kA	High impulse current
I _{sc}	20 kA	Short circuit current
I ₀	≤ 0,1 mA	Leakage current
W _{2ms}	2,8 kJ/kVU _c	Energy absorbtion capability (2ms)
W _{4/10}	4,8 kJ/kVU _c	Energy absorbtion capability (4/10)
M _{SSL}	250 Nm	Cantilever strength
T	-60 +85 °C	Ambient temperature range
Coat	silicone	Silicone housing
Colour	grey	Silicone colour
Class	1	Arrester Class
IEC	IEC 60099-4; 60099-5	

Note: All dimensions are in millimetres

Autoritatea Contractantă: SA "RED-Nord" Moldova, 3100, m. Bălți, str. Ștefan cel Mare, 180 „A”

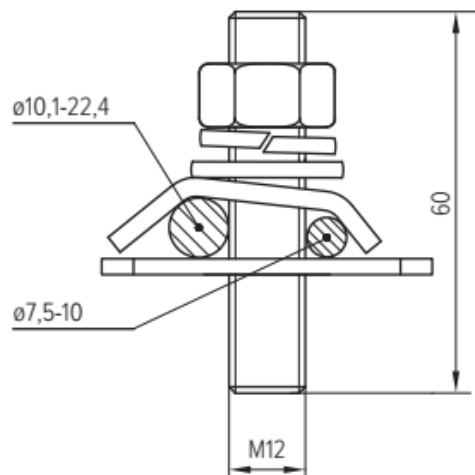
Numărul procedurii de achiziție: ID 21179137 din 28 febr 2024, 31200000-8

Denumirea licitației: Achizitia Limitatoare de supratensiune 10 kV

MV connector CL

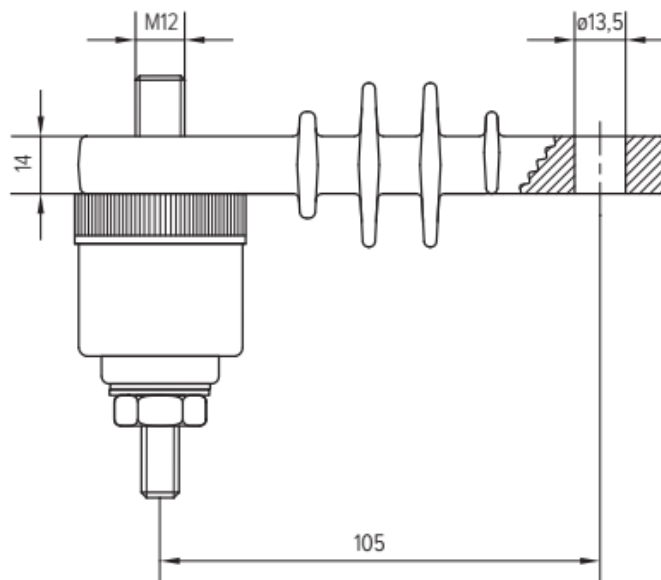
Code: 0012000214525

MV connector C

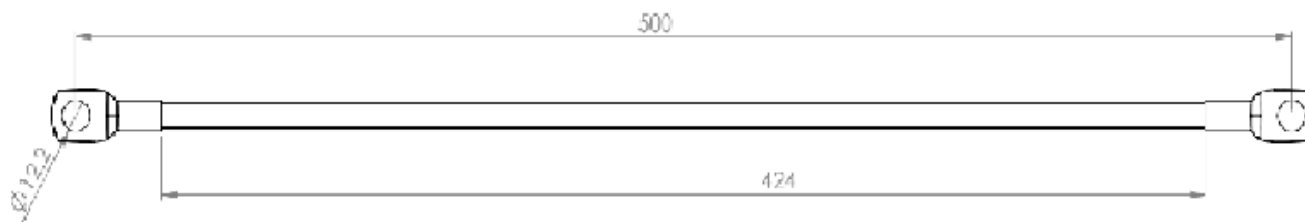


Purpose: top connector for bare conductor $\phi 7,5 - \phi 22,4$ mm

MV connector L



Purpose: connector for bottom



Earthing conductor Cu 35mm² - 0,5m with cable lugs for M12 bolt

1. **Livrarea:** SRL Electrocon va efectua livrarea in conditiile DDP Bălți, **depozit Central SA "RED-Nord"-or. Bălți, str. Ștefan cel Mare, 180 „A”**, conform INCOTERMS 2010 si a cerințelor stabilite de catre Organizator. SRL **Electrocon** suporta toate cheltuielile si riscurile legate de aducerea marfii in acest loc, inclusiv a taxelor vamale, a altor taxe si speze oficiale care se platesc la import, precum si a costurilor si riscurilor de indeplinire a formalitatilor vamale.);

2. **Descarcarea materialelor:** - va fi efectuata de catre SA "RED-Nord", depozit Central - or. Bălți, str. Ștefan cel Mare, 180 „A”;

3. **Cerinte de ambalare:** - materialele vor fi ambalate conform cerințelor și normelor ce asigură integritatea mărfii și transportarea în siguranță a acesteia.

4. **Termenul de îndeplinire a contractului:** 50 zile;

5. **Eliberarea mărfii:** - se va face în MDL, la cursul oficial al BNM în ziua perfectării documentelor fiscale;

6. **Termenul de achitare** – 30 zile din momentul primirii bunurilor.

Data: 19 martie 2024

SRL „ELECTROCON”



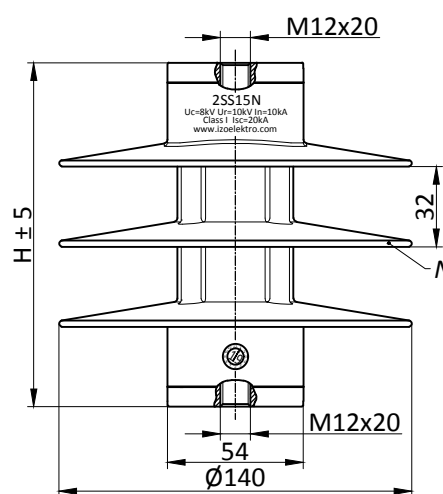
MV surge arrester 2SS15N-RP 8 kV Code: 0012003314804

Technical information

U_c	8 kV	Continuous operating voltage
U_r	10 kV	Rated voltage
U_{res}	25,84 kV	Residual voltage
AD	154 mm	Arcing distance
CD	343 mm	Creepage distance
A	120 mm	Minimum distance to wall
B	140 mm	Minimum distance between phases
H	136 mm	Surge arrester height
N	3	Number of Sheds

General data

I_n	≥ 10 kA	Nominal discharge current
I_{4/10}	≥ 100 kA	High impulse current
I_{sc}	20 kA	Short circuit current
I_Ω	≤ 0,1 mA	Leakage current
W_{2ms}	2,8 kJ/kVU_c	Energy absorbtion capability (2ms)
W_{4/10}	4,8 kJ/kVU_c	Energy absorbtion capability (4/10)
M_{SSL}	250 Nm	Cantilever strength
T	-60 +85 °C	Ambient temperature range
Coat	silicone	Silicone housing
Colour	grey	Silicone colour
Class	1	Arrester Class
IEC	IEC 60099-4; 60099-5	



Note: All dimensions are in millimetres

Competitive advantages

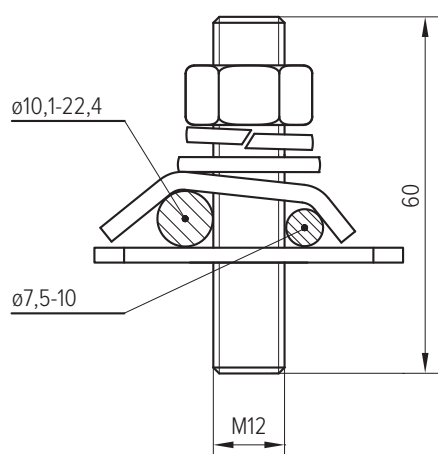
- surge arresters for indoor and outdoor installation,
- a certificate from an accredited laboratory CESI - Italy,
 - **varistors directly encased by silicone,**
 - a rigid housing construction,
 - low residual voltage,
 - high energy absorbtion,
 - a maintenance-free operation,
- **100% routine tests with a robot and engraved result mark.**

At the customer's request we produce and deliver surge arresters:

- as a factory set by buyer's choice,
- with desired creeping distance,
- with continuous operating voltage U_c from 1 to 44kV.

MV connector CL

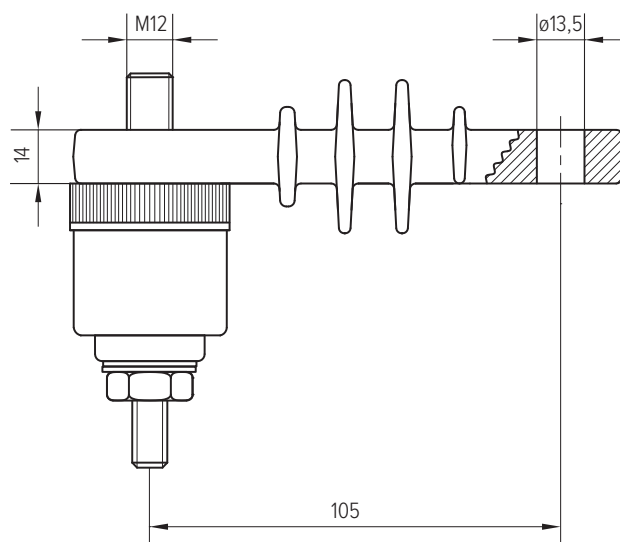
Code: 0012000214525



Purpose: top connector for bare conductor $\phi 7,5 - \phi 22,4$ mm

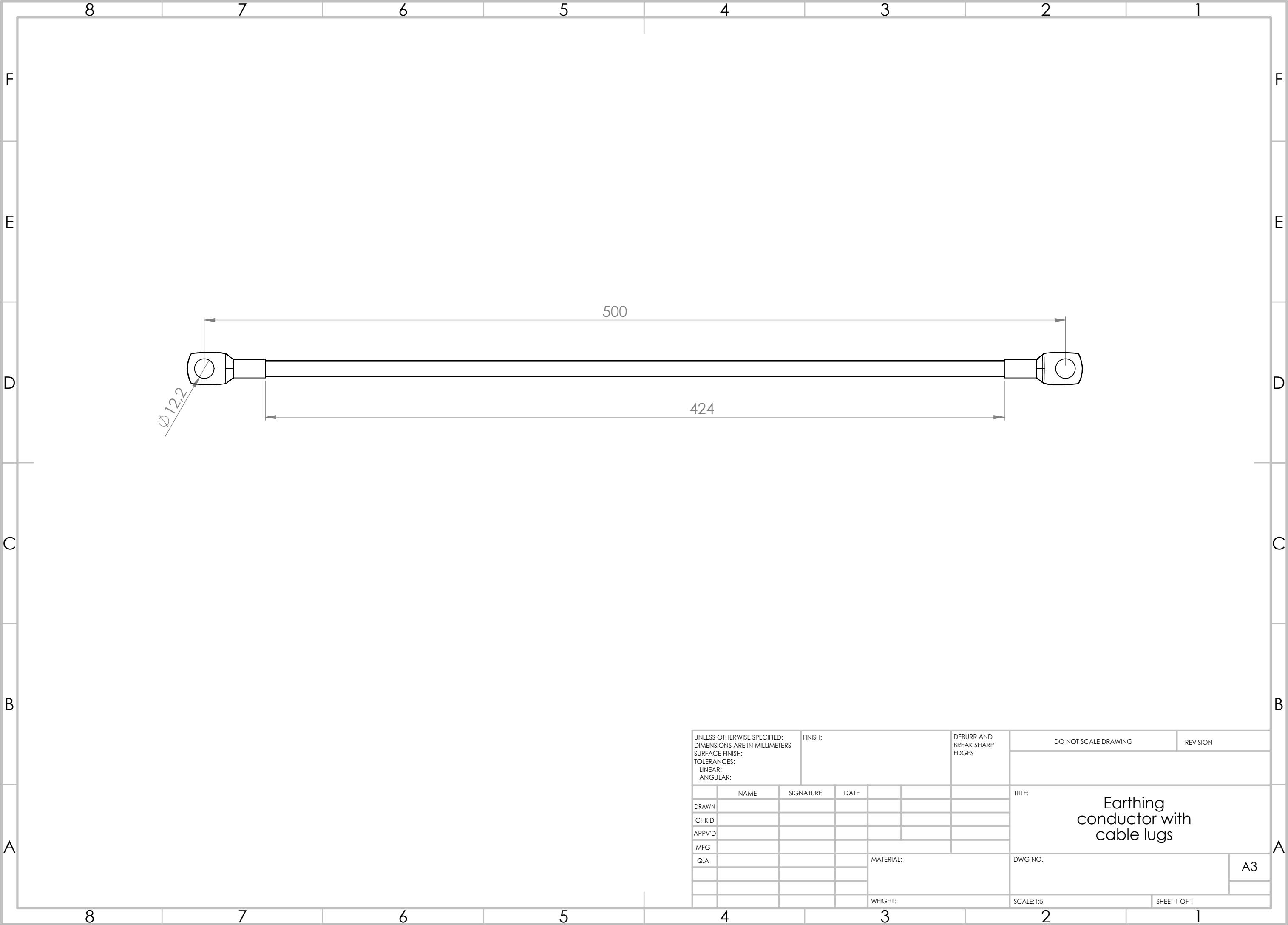
Pos	Pcs	Name	Standard	Material
1	1	Socket Screw Flat M12x60	DIN 933, ISO 4017	A2 or A4
2	1	Flat washer M12	DIN 125 A, ISO 7089	A2 or A4
3	1	Spring washer M12	DIN 127 B	A2 or A4
5	1	Hexagon nut M12	DIN 934	A2 or A4
6	2	Attachment plates	DIN 1.4301 or DIN 1.4571	A2 or A4

MV connector L



Purpose: connector for bottom

Pos.	Pcs.	Name	Material
1	1	Insulative bracket R	PA6 30 GV UV
2	1	Disconnecter ON	PA6 30 GV UV



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:			DO NOT SCALE DRAWING		REVISION
	NAME	SIGNATURE	DATE				TITLE: Earthing conductor with cable lugs		
DRAWN									
CHK'D									
APPV'D									
MFG									
Q.A				MATERIAL:			DWG NO.		A3
				WEIGHT:			SCALE:1:5		SHEET 1 OF 1

DECLARATION OF CONFORMITY

1) No.:01/2018

2) Issuer's name and address:

Izoelektro d. o. o.
Limbuška cesta 2
2341 Limbuš, Slovenija

3) Object of the declaration (name, type, producer)

Name: **MV Surge arrester 2SS15N**
 Type: **2SS15N-R, 2SS15N-RP, 2SS15N-RO (Outdoor fitting) U_c from 3 kV to 45 kV**
2SS15N-N (Indoor fitting, without shields) U_c from 3 kV to 45 kV

Producer:

Izoelektro d. o. o.
Limbuška cesta 2
2341 Limbuš, Slovenia

4) Additional information

Documents No.	Title	Edition/Date of issue
A4/522500	Long duration current impulse withstand tests	CESI / 23.02.2005
A4/522503	Residual voltage tests	CESI / 23.02.2005
A5/002464	Partial discharge test	CESI / 23.02.2005
A5/003349	Insulation withstand tests	CESI / 23.02.2005
A5/006980	Weather ageing test – Test series A: 1000 hours	CESI / 18.03.2005
A4/523159	Moisture ingress test	CESI / 23.02.2005
A5/009883	Accelerated ageing test of the resistor blocks	CESI / 23.03.2005
A5/010126	Short-circuit tests	CESI / 17.03.2005
A5/045960	High current impulse operating duty test	CESI / 14.11.2005
A4/523280	Test of the bending moment	CESI / 23.02.2005
B6009134	Accelerated light ageing	CESI / 26.04.2016

5) The object of the declaration described above is in conformity with the requirements of the following standards:

Standard/date of issue

IEC 60099-4:2004

IEC 60099-5:1996

IEC 60099-5:1996/A1:1999

6) Signed for and on behalf of:

Izoelektro d.o.o.
Peter Pungerčar, CEO

Function:
Director

7) Place and date of issue
Limbuš, 01. 01. 2018



IZOELEKTRO
 Limbuška c. 2, 2341 Limbuš, Slovenija, EU
 Stamp & Signature

CERTIFICATO DI ACCREDITAMENTO Accreditation Certificate

ACCREDITAMENTO N.
ACCREDITATION N.

0030L REV. 03

EMESSO DA
ISSUED BY

DIPARTIMENTO LABORATORI DI PROVA

SI DICHIARA CHE
WE DECLARE THAT

CESI S.p.A.

Sede/Headquarters:
Via Rubattino 54 - 20134 Milano MI

È CONFORME AI REQUISITI
DELLA NORMA

UNI CEI EN ISO/IEC 17025:2018

MEETS THE REQUIREMENTS
OF THE STANDARD

ISO/IEC 17025:2017

QUALE

Laboratorio di Prova

AS

Testing Laboratory

Data di 1^a emissione
1st issue date
27-02-1992

Data di modifica
Modification date
23-04-2020

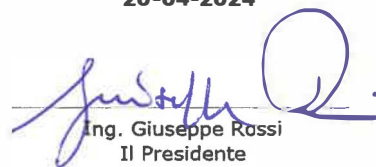
Data di scadenza
Expiring date
20-04-2024



Dott.ssa Silvia Tramontin
Il Direttore di Dipartimento
The Department Director



Dott. Filippo Trifiletti
Il Direttore Generale
The General Director



Ing. Giuseppe Rossi
Il Presidente
The President

L'accREDITAMENTO attesta la competenza tecnica del Laboratorio relativamente al campo di accREDITAMENTO riportato nell'Elenco Prove allegato al presente certificato di accREDITAMENTO.
Il presente certificato non è da ritenersi valido se non accompagnato dagli Elenchi Prove, che possono variare nel tempo.
La validità dell'accREDITAMENTO può essere verificata sul sito web (www.accredia.it) o richiesta al Dipartimento di competenza.
I requisiti di sistema riportati nella norma ISO/IEC 17025 sono scritti in un linguaggio attinente alle attività di laboratorio e sono generalmente in accordo con i principi della norma ISO 9001 (si veda il comunicato congiunto ISO-ILAC-IAF dell'Aprile 2017).

*The accreditation certifies the technical competence of the laboratory limited to the scope detailed in the attached Enclosure.
The present certificate is valid only if associated to the annexed schedule, that may vary in the time.
Confirmation of the validity of accreditation can be verified on website www.accredia.it or by contacting the relevant Department.
The management system requirements in ISO/IEC 17025 are written in language relevant to laboratories operations and generally operate in accordance with the principles of ISO 9001 (refer joint ISO-ILAC-IAF Communiqué dated April 2017).*

CERTIFICATO DI ACCREDITAMENTO

Accreditation Certificate

ACCREDITAMENTO N.
ACCREDITATION N.**0030L REV. 03**EMESSO DA
ISSUED BY**DIPARTIMENTO LABORATORI DI PROVA**
CESI S.p.A.**Sedi operative/Branch Offices:**

- Sede A: Via Rubattino 54 - 20134 Milano MI
- Sede B: Via Nino Bixio 39 - 29100 Piacenza PC
- Sede C: Via Pastrengo 9 - 24068 Seriate BG



Certifikat / Certificate

*for
Management System*

IZOELEKTRO d.o.o.

Limbuška cesta 2, 2341 Limbuš, Slovenia

Development, production and sale of power supply equipment

*adequately operates and maintains a management system
which meets the requirements of the standard*

ISO 9001:2015

Certificate No. / Certification date

Q-262 / 2000-05-23

Issue **08 / 2021-12-22** Valid until: **2024-12-31**

Director of SIQ Ljubljana

Gregor Schoss



**SLOVENSKA
AKREDITACIJA**
SIST EN ISO/IEC 17021-1
CS-001



SIQ Ljubljana, Mašera-Spasičeva ulica 10, 1000 Ljubljana, Slovenija



Certifikat / Certificate

*for
Management System*

IZOELEKTRO d.o.o.

Limbuška cesta 2, 2341 Limbuš, Slovenia

Development, production and sale of power supply equipment

*adequately operates and maintains a management system
which meets the requirements of the standard*

ISO 14001:2015

Certificate No. / Certification date

E-238 / 2007-12-19

Issue **08 / 2022-12-20** *Valid until:* **2026-01-31**

*Director of SIQ Ljubljana
Gregor Schoss*

SIQ is a member of



**SLOVENSKA
AKREDITACIJA**
SIST EN ISO/IEC 17021-1
CS-001



SIQ Ljubljana, Mašera-Spasičeva ulica 10, 1000 Ljubljana, Slovenija

Declaration number: **01/2014**

REACH / SVHC Declaration

Full name and address of the supplier and the manufacturer:

IZOELEKTRO d.o.o.,
Limbuška cesta 2,
2341, Limbuš,
Slovenija

We herewith declare that our products comply with the requirements of European regulation on the registration, evaluation, authorization and restriction of chemicals No. 1907/2006 (REACH).

In cooperation with our suppliers of components and materials we guarantee that the content substances noted in the ECHA document Candidate List of Substances of Very High Concern for Authorisation (SVHC-list) will never exceed the permitted values concentration of 0.1%.

Background for the declaration:

Izoelektro d.o.o. is a down-stream user not manufacturing chemicals. We are working upon basis of the registrations made by our suppliers. Izoelektro d.o.o. does not intentionally add substances to the raw-materials delivered by the suppliers.

Place and date: Limbuš, 26.05.2015

Signature:


IZOELEKTRO
Limbuška c. 2, 2341 Limbuš, Slovenija, EU
Milan Petek,
Product manager

March 18, 2024

CERTIFICATE OF DISTRIBUTOR

To Whom It May Concern

Izoelektro d.o.o., a company incorporated under the laws of the Republic of Slovenia and having its registered office at "Limbuška cesta 2, 2341 Limbuš, Slovenia", informs all concerned that "Electrocon" Ltd, a company incorporated under the laws of the Republic of Moldova and having its registered office at "19 Maria Dragan str., MD-2052 Cishinau, Republic of Moldova", has been appointed as the official distributor for Izoelektro products for the country of Moldova. This appointment is valid until the end of 2024.

Sincerely,

IZOELEKTRO d.o.o.

Jure Pungerčar,

Head of Commercial Department



Limbuška c. 2, 2341 Limbuš, Slovenija, EU

Date: 18.03.2024

WARRANTY PERIOD OF OFFERED PRODUCTS

We state that the offered MV surge arresters 2SS15N-RP, class 1 in the offer have the following warranty period:

- warranty period 24 months

Name of company: Izoelektro d.o.o.
Address of company: Limbuška cesta 2
2341 Limbuš
SLOVENIA

Signature of authorized person:

Peter Pungerčar,
Director
IZOELEKTRO
Limbuška c. 2, 2341 Limbuš, Slovenija, EU