

NATIONAL INSTITUTE FOR RESEARCH, DEVELOPMENT
FOR LABOUR PROTECTION "Alexandru Darabont" Bucharest
ICSPM – CS CERTIFYING BODY
35A Ghencea Blvd., Sector 6, Bucharest, Romania
Tel: (021) 3.15.78.22/313.31.58, fax: (021) 3.15.78.22
Tel. of ICSPM-CS Certifying Body: (021) 3.10.18.10
E-mail of the certifying body: icspm-cs@protectiamuncii.ro

INCDPM
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CONFORMITY CERTIFICATE

No. 1657/08.04.2020

1. The present certificate is issued for:

- **Name of the product:** Dry weather multipurpose modular insulating stick for multiple use, in dry conditions, in electrical installations with nominal voltage of 20 kV
- **Materials** -
- **Product symbol** PMU-20-1-B/ba
- **Product type** Dry weather multipurpose modular insulating stick for multiple use, articulated bayonet coupling with other tools or technical equipment for checking in dry conditions in electrical installations. The total length of the stick Lt is 1309 mm, the length of the handle Lm is 377 mm, the utile length Lu is 917 mm, the insulating length is 820 mm number of modules is 1. The insulating stick is coupled with a certified voltage detector through the adapters AF E-C and AR E-C type, through the bayonet type coupling system at the coupling one of the adaptor, hexagon type, adaptors that can be fix (AF E-C) or flexible (AR E-C), from plastic material.
- **Domain of use** It is used according to the domain of use established by the manufacturer according the company standard SF (CS) no. 8/1998-ed.2/rev.3-2019. It is used according the instructions, contained in the User Guide code CT-HTC 0050 PMU-20-1-B/ba-ed.2/rev.3-ed.2019, delivered along with the product by ROMIND T&G Advanced Solutions and Technologies company and certified according the legislation.

2. The solicitor for the certification ROMIND T&G Advanced Solutions and Technologies

-**Address** Str. Biruintei no.162 (DN3 Bucharest-Calarasi, km 14+900), Pantelimon, Ilfov county

3. Manufacturer ROMIND T&G Advanced Solutions and Technologies

-**Address** Str. Biruintei no.162 (DN3 Bucharest-Calarasi, km 14+900), Pantelimon, Ilfov county

- **Manufacturer brand ROMIND**

4. The standards applied for the certification The safety and health requirements provided by the EM applicable technical regulations; Government Decision no.1146/2006 regarding the minimum safety and health requirements for use at work by the workers of the work equipment; SR EN 50508:2009, CEI 60417-5216:2002-10 (DB:2002-10), SR EN 61235:1999, SR EN 60078-2-75:2015, SR EN 61230:2009, SR EN 60721-2-1:2014, 3-RE-I2-83 edition 1995/rev.2012; Own instructions relating to transport and distribution of electric power established in compliance with the provisions of Law no.319 regarding safety and health at work (Own instructions of labor safety for electrical installations in use set up by SC "ELECTRICA"SA or any other company from the electrical domain).

5. Conclusions The product complies with the safety and health requirements appropriate to the domain of use and its limitations mentioned in the annex and has performances within the limit of the technical specifications stipulated by the Romanian and European standards and technical regulations relating to work protection mentioned in the annex.

6. The validity of the certificate of conformity 08.04.2022

**PRESIDENT
OF THE CERTIFYING BODY**
Dr. eng. DORU COSTIN DARABONT
Illegible signature
Authorized stamp

**CHIEF OF THE DEPARTMENT
TECHNICAL EQUIPMENTS CERTIFICATION**
Dr. eng. ANCA ANTONOV
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CONFORMITY CERTIFICATE

No. 1658/14.04.2020

1. The present certificate is issued for:

- **Name of the product:** Dry weather multipurpose modular insulating stick for multiple use, in dry conditions, in electrical installations with nominal voltage of 20 kV
- **Materials** -
- **Product symbol** PMU-20-1-B/baS
- **Product type** Dry weather multipurpose modular insulating stick for multiple use, articulated bayonet coupling with other tools or technical equipment for checking in dry conditions in electrical installations. The total length of the stick Lt is 1739 mm, the length of the handle Lm is 800 mm, the utile length Lu is 924 mm, the insulating length iS 827 mm number of modules is 1. The insulating stick is coupled with a certified voltage detector through the adapters AF E-C and AR E-C type, through the bayonet type coupling system at the coupling one of the adaptor, hexagon type, adaptors that can be fix (AF E-C) or flexible (AR E-C), from plastic material.
- **Domain of use** It is used according to the domain of use established by the manufacturer according the company standard SF (CS) no. 8/1998-ed.2/rev.3-2019. It is used according the instructions, contained in the User Guide code CT-HTC 0050 PMU-20-1-B/baS-ed.2/rev.3-ed.2019, delivered along with the product by ROMIND T&G Advanced Solutions and Technologies company and certified according the legislation.

2. The solicitor for the certification **ROMIND T&G Advanced Solutions and Technologies**

-**Address** Str. Biruintei no.162 (DN3 Bucharest-Calarasi, km 14+900), Pantelimon, Ilfov county

3. Manufacturer **ROMIND T&G Advanced Solutions and Technologies**

-**Address** Str. Biruintei no.162 (DN3 Bucharest-Calarasi, km 14+900), Pantelimon, Ilfov county

- **Manufacturer brand** ROMIND

4. **The standards applied for the certification** The safety and health requirements provided by the EM applicable technical regulations; Government Decision no.1146/2006 regarding the minimum safety and health requirements for use at work by the workers of the work equipment; SR EN 50508:2009, CEI 60417-5216:2002-10 (DB:2002-10), SR EN 61235:1999, SR EN 60078-2-75:2015, SR EN 61230:2009, SR EN 60721-2-1:2014, 3-RE-I2-83 edition 1995/rev.2012; Own instructions relating to transport and distribution of electric power established in compliance with the provisions of Law no.319 regarding safety and health at work (Own instructions of labor safety for electrical installations in use set up by SC "ELECTRICA"SA or any other company from the electrical domain).

5. **Conclusions** The product complies with the safety and health requirements appropriate to the domain of use and its limitations mentioned in the annex and has performances within the limit of the technical specifications stipulated by the Romanian and European standards and technical regulations relating to work protection mentioned in the annex.

6. **The validity of the certificate of conformity** 14.04.2022

PRESIDENT
OF THE CERTIFYING BODY
Dr. eng. DORU COSTIN DARABONT
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CHIEF OF THE DEPARTMENT
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CONFORMITY CERTIFICATE

No. 1659/27.04.2020

1. The present certificate is issued for:

- **Name of the product:** Dry weather multipurpose modular insulating stick for multiple use, in dry conditions, in electrical installations with nominal voltage of 110 kV
- **Materials** -
- **Product symbol** PMU-110-2-B/ba
- **Product type** Dry weather multipurpose modular insulating stick for multiple use, articulated bayonet coupling with other tools or technical equipment for checking in dry conditions in electrical installations. The total length of the stick Lt is 2557 mm, the length of the handle Lm is 800 mm, the utile length Lu is 1742 mm, the insulating length is 1645 mm and the number of modules is 2. The insulating stick is coupled with a certified voltage detector through the adapters AF E-C and AR E-C type, through the bayonet type coupling system at the coupling one of the adaptor, hexagon type, adaptors that can be fix (AF E-C) or flexible (AR E-C), from plastic material.
- **Domain of use** It is used according to the domain of use established by the manufacturer according the company standard SF (CS) no. 8/1998-ed.2/rev.3-2019. It is used according the instructions, contained in the User Guide code CT-HTC 0050 PMU-110-2-B/ba-ed.2/rev.3-ed.2019, delivered along with the product by ROMIND T&G Advanced Solutions and Technologies company and certified according the legislation.

2. The solicitor for the certification ROMIND T&G Advanced Solutions and Technologies

-**Address** Str. Biruintei no.162 (DN3 Bucharest-Calarasi, km 14+900), Pantelimon, Ilfov county

3. Manufacturer ROMIND T&G Advanced Solutions and Technologies

-**Address** Str. Biruintei no.162 (DN3 Bucharest-Calarasi, km 14+900), Pantelimon, Ilfov county

- **Manufacturer brand ROMIND**

4. The standards applied for the certification The safety and health requirements provided by the EM applicable technical regulations; Government Decision no.1146/2006 regarding the minimum safety and health requirements for use at work by the workers of the work equipment; SR EN 50508:2009, CEI 60417-5216:2002-10 (DB:2002-10), SR EN 61235:1999, SR EN 60078-2-75:2015, SR EN 61230:2009, SR EN 60721-2-1:2014, 3-RE-I2-83 edition 1995/rev.2012; Own instructions relating to transport and distribution of electric power established in compliance with the provisions of Law no.319 regarding safety and health at work (Own instructions of labor safety for electrical installations in use set up by SC "ELECTRICA"SA or any other company from the electrical domain).

5. Conclusions The product complies with the safety and health requirements appropriate to the domain of use and its limitations mentioned in the annex and has performances within the limit of the technical specifications stipulated by the Romanian and European standards and technical regulations relating to work protection mentioned in the annex.

6. The validity of the certificate of conformity 27.04.2022

**PRESIDENT
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**CHIEF OF THE DEPARTMENT
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CONFORMITY CERTIFICATE

No. 1660/07.05.2020

1. The present certificate is issued for:

- **Name of the product:** Dry weather multipurpose modular insulating stick for multiple use, in dry conditions, in electrical installations with nominal voltage of 220 kV
- **Materials** -
- **Product symbol** PMU-220-2-B/ba
- **Product type** Dry weather multipurpose modular insulating stick for multiple use, articulated bayonet coupling with other tools or technical equipment for checking in dry conditions in electrical installations. The total length of the stick Lt is 3797 mm, the length of the handle Lm is 1100 mm, the utile length Lu is 2682 mm, the insulating length is 2585 mm and the number of modules is 2. The insulating stick is coupled with a certified voltage detector through the adapters AF E-C and AR E-C type, through the bayonet type coupling system at the coupling one of the adaptor, hexagon type, adaptors that can be fix (AF E-C) or flexible (AR E-C), from plastic material.
- **Domain of use** It is used according to the domain of use established by the manufacturer according the company standard SF (CS) no. 8/1998-ed.2/rev.3-2019. It is used according the instructions, contained in the User Guide code CT-HTC 0050 PMU-220-2-B/ba-ed.2/rev.3-ed.2019, delivered along with the product by ROMIND T&G Advanced Solutions and Technologies company and certified according the legislation.

2. The solicitor for the certification **ROMIND T&G Advanced Solutions and Technologies**

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3. Manufacturer **ROMIND T&G Advanced Solutions and Technologies**

-**Address** Str. Biruintei no.162 (DN3 Bucharest-Calarasi, km 14+900), Pantelimon, Ilfov county

- **Manufacturer brand** ROMIND

4. **The standards applied for the certification** The safety and health requirements provided by the EM applicable technical regulations; Government Decision no.1146/2006 regarding the minimum safety and health requirements for use at work by the workers of the work equipment; SR EN 50508:2009, CEI 60417-5216:2002-10 (DB:2002-10), SR EN 61235:1999, SR EN 60078-2-75:2015, SR EN 61230:2009, SR EN 60721-2-1:2014, 3-RE-I2-83 edition 1995/rev.2012; Own instructions relating to transport and distribution of electric power established in compliance with the provisions of Law no.319 regarding safety and health at work (Own instructions of labor safety for electrical installations in use set up by SC "ELECTRICA"SA or any other company from the electrical domain).

5. **Conclusions** The product complies with the safety and health requirements appropriate to the domain of use and its limitations mentioned in the annex and has performances within the limit of the technical specifications stipulated by the Romanian and European standards and technical regulations relating to work protection mentioned in the annex.

6. **The validity of the certificate of conformity** 07.05.2022

PRESIDENT
OF THE CERTIFYING BODY
Dr. eng. DORU COSTIN DARABONT
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CHIEF OF THE DEPARTMENT
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CONFORMITY CERTIFICATE

No. 1661/14.05.2020

1. The present certificate is issued for:

- **Name of the product:** Dry weather multipurpose modular insulating stick for multiple use, in dry conditions, in electrical installations with nominal voltage of 400 kV
- **Materials** -
- **Product symbol** PMU-400-3-B/ba
- **Product type** Dry weather multipurpose modular insulating stick for multiple use, articulated bayonet coupling with other tools or technical equipment for checking in dry conditions in electrical installations. The total length of the stick Lt is 5045 mm, the length of the handle Lm is 1100 mm, the utile length Lu is 3930 mm, the insulating length is 3833 mm and the number of modules is 3. The insulating stick is coupled with a certified voltage detector through the adapters AF E-C and AR E-C type, through the bayonet type coupling system at the coupling one of the adaptor, hexagon type, adaptors that can be fix (AF E-C) or flexible (AR E-C), from plastic material.
- **Domain of use** It is used according to the domain of use established by the manufacturer according the company standard SF (CS) no. 8/1998-ed.2/rev.3-2019. It is used according the instructions, contained in the User Guide code CT-HTC 0050 PMU-400-3-B/ba-ed.2/rev.3-ed.2019, delivered along with the product by ROMIND T&G Advanced Solutions and Technologies company and certified according the legislation.

2. The solicitor for the certification ROMIND T&G Advanced Solutions and Technologies

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3. Manufacturer ROMIND T&G Advanced Solutions and Technologies

-**Address** Str. Biruintei no.162 (DN3 Bucharest-Calarasi, km 14+900), Pantelimon, Ilfov county

- **Manufacturer brand ROMIND**

4. The standards applied for the certification The safety and health requirements provided by the EM applicable technical regulations; Government Decision no.1146/2006 regarding the minimum safety and health requirements for use at work by the workers of the work equipment; SR EN 50508:2009, CEI 60417-5216:2002-10 (DB:2002-10), SR EN 61235:1999, SR EN 60078-2-75:2015, SR EN 61230:2009, SR EN 60721-2-1:2014, 3-RE-I2-83 edition 1995/rev.2012; Own instructions relating to transport and distribution of electric power established in compliance with the provisions of Law no.319 regarding safety and health at work (Own instructions of labor safety for electrical installations in use set up by SC "ELECTRICA"SA or any other company from the electrical domain).

5. Conclusions The product complies with the safety and health requirements appropriate to the domain of use and its limitations mentioned in the annex and has performances within the limit of the technical specifications stipulated by the Romanian and European standards and technical regulations relating to work protection mentioned in the annex.

6. The validity of the certificate of conformity 14.05.2022

**PRESIDENT
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Dr. eng. DORU COSTIN DARABONT
Illegible signature
Authorized stamp

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