



[1]

EC-Type Examination Certificate

[2] **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

Directive 94/9/EC

[3] EC – Type Examination Certificate Number : **IEP 15 ATEX 0323 U**

[4] Equipment or protective system : **MRK-x , MTK-x and OPK-x Series, Rail mounted Terminals**

[5] Manufacturer : **ONKA Elektrik Sanayi Ticaret Ltd. Şti.**

[6] Address : **GEPOSB İçi Cumhuriyet Cad. No:27 Gebze / KOCAELİ – TURKEY**

[7] This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] The IEP Uluslar Arası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti. , notified body number 2284 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994 , certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential Report N : IEP - RP.Ex - 10. 759 date 15.05.2015

[9] Compliance with Essential Health and safety requirements has been assured by compliance with ;

EN 60079-0 : 2011 , EN 60079-7 : 2009

[10] The sign “ U “ placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

[11] This EC-Type Examination Certificate relates only to the design examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

[12] The marking of the equipment or protective system shall include following :



II 2G Ex II Gb

Responsible person :

Nurettin Terzioğlu
Head of certification body



Date of issue : 21.05.2015





[13] Schedule

[14] Certificate Nr : **IEP 15 ATEX 0323 U**

[15] Description of component :

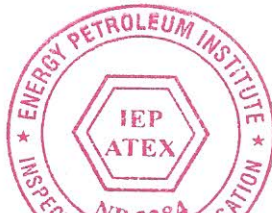
The type MRK-x , MTK-x and OPK-x series of rail mounted terminals consist of one layer current bar and allow to connect two conductors. Feed-through terminal assemblies are mounted into molded insulation housing from material polyamide 66. Each terminal assembly consists of an electroplated copper current bar with a sliding clamping yokes and screws. When the screw is tightened, the yoke is compressed against the current bar and serrations incorporated in the surface prevent slippage of the conductor. In the terminals, which it is no spring pressure above 35 mm².

[16] Description of Equipment or Protective System ; MRK-x , MTK-x and OPK-x Series
Rail Terminal Blocks

Model Designation	Type Designation	Wire Range (mm ²)	Current Rating Amps	Voltage Rating Volts
MRK	MRK 1,5	0,5-1,5	17,5	500
MRK	MRK 2,5	0,5-2,5	24	630
MRK	MRK 4	0,5-4	32	500
MRK	MRK 6	0,5-6	41	500
MRK	MRK 10	1,5-10	57	500
MRK	MRK 16	2,5-16	82	630
MRK	MRK 35	10-35	125	630
MRK	MRK 50	10-50	150	630
MRK	MRK 70	16-70	192	630
MRK	MRK 95	35-95	232	800
MRK	MRK 120	35-120	269	800
MRK	MTK 4	0,5-4	-	-
MRK	MTK 10	1,5-10	-	-
MRK	MTK 16	2,5-16	-	-
MRK	MTK 35	10-35	-	-
OPK	OPK 2,5	1-2,5	24	630
OPK	OPK 4	1,5-4	32	630
OPK	OPK 6	2,5-6	41	630
OPK	OPK 10	4-10	57	630
OPK	OPK 16	6-16	76	800
OPK	OPK 35	10-35	125	800
OPK	OPK-T 4	1,5-4	-	-
OPK	OPK-T 10	4-10	-	-

Responsible person :

Nurettin Terzioğlu
Head of certification body



IEP Uluslar Arası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti.
MTK Sitesi 5746/1 Sok. No:9 K:2 Camdibi – IZMIR / TURKEY Tel : +90 232 431 17 45 46 & Fax : +90 232 431 17 30
Fr:45

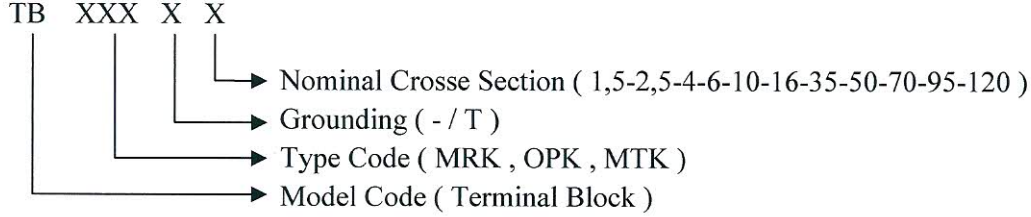
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[16] Report N : IEP - RP.Ex - 10. 759

Report Date : 15.05.2015

Product Code System



[18] Special conditions for safe use : The installation and the operation of the Rail Terminal Blocks have to confirm to the relevant national regulations.

[19] Essential Health and Safety Requirements :

19.1 Are included in standards , which are mentioned in clause (9) of this certificate. The products was approved in accordance with above mentioned standards and manufacturer's instruction.

19.2 At the installation and the operation of the Rail Terminal Blocks Cell have to be observed manufacturer's Rail Terminal Blocks manual 5 page and dated 17.01.2012.

[20] List of documentation ;

Drawing Nr ;	Drawing Name ;	Date ;
1,5-Assembly-00	MRK 1,5 Assembly	17.01.2012
1,5-Assembly-1-00	MRK 1,5 Body-Cover	17.01.2012
1,5-Assembly-2-00	MRK 1,5 Bridge	17.01.2012
1,5-Assembly-3-00	MRK 1,5 Contact	17.01.2012
1,5-Assembly-4-00	MRK 1,5 Screw (M 2,5)	17.01.2012
2,5-Assembly-00	MRK 2,5 Assembly	17.01.2012
2,5-Assembly-1-00	MRK 2,5 Body-Cover	17.01.2012
2,5-Assembly-2-00	MRK 2,5-4 Bridge	17.01.2012
2,5-Assembly-3-00	MRK 2,5 Contact	17.01.2012
2,5-Assembly-4-00	MRK 1,5 Screw (M 3)	17.01.2012
4-Assembly-00	MRK 4 Assembly	17.01.2012
4-Assembly-1-00	MRK 4 Body-Cover	17.01.2012
2,5-Assembly-2-00	MRK 2,5-4 Bridge	17.01.2012
4-Assembly-2-00	MRK 4 Contact	17.01.2012
2,5-Assembly-4-00	MRK 2,5-4 Screw (M 3)	17.01.2012
6-Assembly-00	MRK 6 Assembly	17.01.2012
6-Assembly-1-00	MRK 6 Body-Cover	17.01.2012
6-Assembly-2-00	MRK 6 Bridge	17.01.2012

Responsible person :

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Report Date : 15.15.2015

Drawing Nr ;	Drawing Name ;	Date ;
6-Assembly-3-00	MRK 6 Contact	17.01.2012
6-Assembly-4-00	MRK 6 Screw (M 3,5)	17.01.2012
10-Assembly-00	MRK 10 Assembly	17.01.2012
10-Assembly-1-00	MRK 10 Body-Cover	17.01.2012
10-Assembly-2-00	MRK 6 Contact	17.01.2012
6-Assembly-2-00	MRK 6-10 Bridge	17.01.2012
6-Assembly-4-00	MRK 6-10 Screw (M 3,5)	17.01.2012
16-Assembly-00	MRK 16 Assembly	17.01.2012
16-Assembly-1-00	MRK 16 Body-Cover	17.01.2012
16-Assembly-4-00	MRK 16 Contact	17.01.2012
16-Assembly-2-00	MRK 16 Bridge	17.01.2012
16-Assembly-5-00	MRK 16-35 Screw (M 5)	17.01.2012
16-Assembly-3-00	MRK 16-35 Leg	17.01.2012
35-Assembly-00	MRK 35 Assembly	17.01.2012
35-Assembly-1-00	MRK 35 Body-Cover	17.01.2012
35-Assembly-3-00	MRK 35 Contact	17.01.2012
35-Assembly-2-00	MRK 35 Bridge	17.01.2012
16-Assembly-5-00	MRK 16-35 Screw (M 5)	17.01.2012
50-Assembly-00	MRK 50 Assembly	17.01.2012
50-Assembly-1-00	MRK 50 Body-Cover	17.01.2012
50-Assembly-4-00	MRK 50 Contact	17.01.2012
50-Assembly-2-00	MRK 50 Bridge	17.01.2012
50-Assembly-6-00	MRK 50-70 Screw (M 3)	17.01.2012
50-Assembly-3-00	MRK 50-70 Leg	17.01.2012
50-Assembly-5-00	MRK 50 Screw (M 8)	17.01.2012
70-Assembly-00	MRK 70 Assembly	17.01.2012
70-Assembly-1-00	MRK 70 Body-Cover	17.01.2012
70-Assembly-3-00	MRK 70 Contact	17.01.2012
70-Assembly-2-00	MRK 70 Bridge	17.01.2012
50-Assembly-4-00	MRK 70 Screw (M 8)	17.01.2012
95-Assembly-00	MRK 95 Assembly	17.01.2012
95-Assembly-1-00	MRK 95 Body-Cover	17.01.2012
95-Assembly-3-00	MRK 95 Contact	17.01.2012
95-Assembly-2-00	MRK 95 Bridge	17.01.2012
OPK 2,5-Assembly-00	OPK 2,5 Assembly	17.01.2012
OPK 2,5-Assembly-1-00	OPK 2,5 Body-Cover	17.01.2012
OPK 2,5-Assembly-2-00	OPK 2,5-4 Bridge	17.01.2012
OPK 2,5-Assembly-4-00	OPK 2,5-4 Pushing Pin	17.01.2012
OPK 2,5-Assembly-3-00	OPK 2,5-4 Spring	17.01.2012
OPK 4-Assembly-00	OPK 4 Assembly	17.01.2012

Responsible person :

Nurettin Terzioğlu
Head of certification body





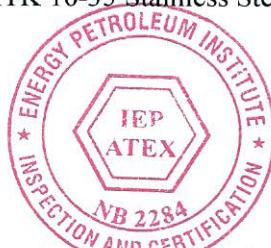
[16] Report N : IEP - RP.Ex - 10. 759

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Drawing Nr ;	Drawing Name ;	Date ;
OPK 4-Assembly-1-00	OPK 4 Body-Cover	17.01.2012
OPK 6-Assembly-00	OPK 6 Assembly	17.01.2012
OPK 6-Assembly-1-00	OPK 6 Body-Cover	17.01.2012
OPK 6-Assembly-2-00	OPK 6-10 Bridge	17.01.2012
OPK 6-Assembly-4-00	OPK 6-10 Pushing Pin	17.01.2012
OPK 6-Assembly-3-00	OPK 6-10 Spring	17.01.2012
OPK 10-Assembly-00	OPK 10 Assembly	17.01.2012
OPK 10-Assembly-1-00	OPK 10 Body-Cover	17.01.2012
OPK 16-Assembly-00	OPK 16 Assembly	17.01.2012
OPK 16-Assembly-1-00	OPK 16 Body-Cover	17.01.2012
OPK 16-Assembly-2-00	OPK 16 Bridge	17.01.2012
OPK 16-Assembly-5-00	OPK 16-35 Pushing Pin	17.01.2012
OPK 16-Assembly-4-00	OPK 16-35 Lower Spring	17.01.2012
OPK 16-Assembly-3-00	OPK 16-35 Upper Spring	17.01.2012
OPK 35-Assembly-00	OPK 35 Assembly	17.01.2012
OPK 35-Assembly-1-00	OPK 35 Body-Cover	17.01.2012
OPK 35-Assembly-2-00	OPK 35 Bridge	17.01.2012
OPK 35-Assembly-5-00	OPK 16-35 Pushing Pin	17.01.2012
OPK 35-Assembly-4-00	OPK 35 Lower Spring	17.01.2012
OPK 35-Assembly-3-00	OPK 35 Upper Spring	17.01.2012
MTK 4-Assembly-00	MTK 4 Assembly	17.01.2012
MTK 4-Assembly-1-00	MTK 4 Body-Cover	17.01.2012
MTK 4-Assembly-2-00	MRK 4,MTK 4 Contact	17.01.2012
2,5-Assembly-4-00	MRK 2,5-4 and MTK 4 Screw (M 3)	17.01.2012
MTK 4-Assembly-3-00	MTK 4 Leg	17.01.2012
MTK 4-Assembly-4-00	MTK 4-10 Stop Pin	17.01.2012
MTK 4-Assembly-2-00	MTK 4 Bridge	17.01.2012
MTK 10-Assembly-00	MTK 10 Assembly	17.01.2012
MTK 10-Assembly-1-00	MTK 10 Body-Cover	17.01.2012
MTK 4-Assembly-2-00	MRK 10,MTK 10 Contact	17.01.2012
6-Assembly-4-00	MRK 6-10 and MTK 10 Screw (M 3,5)	17.01.2012
MTK 10-Assembly-3-00	MTK 10 Leg	17.01.2012
MTK 10-Assembly-2-00	MTK 10 Bridge	17.01.2012
MTK 16-Assembly-00	MTK 16 Assembly	17.01.2012
MTK 16-Assembly-1-00	MTK 16 Body-Cover	17.01.2012
16-Assembly-4-00	MRK 16,MTK 16 Contact	17.01.2012
16-Assembly-5-00	MRK 16-35 and MTK 16-35 Screw (M 5)	17.01.2012
MTK 16-Assembly-2-00	MTK 16 Bridge	17.01.2012
MTK 16-Assembly-5-00	MTK 16 Stop Pin	17.01.2012
MTK 16-Assembly-3-00	MTK 16-35 Leg	17.01.2012
MTK 16-Assembly-4-00	MTK 16-35 Stainless Steel	17.01.2012

Responsible person :

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Head of certification body



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Drawing Nr ;	Drawing Name ;	Date ;
MTK 35-Assembly-00	MTK 35 Assembly	17.01.2012
MTK 35-Assembly-1-00	MTK 35 Body-Cover	17.01.2012
35-Assembly-3-00	MRK 35,MTK 35 Contact	17.01.2012
MTK 35-Assembly-2-00	MTK 35 Bridge	17.01.2012
MTK 35-Assembly-5-00	MTK 35 Stop Pin	17.01.2012
OPK T4-Assembly-00	OPK Earth Con. 4 Assembly	17.01.2012
OPK T4-Assembly-1-00	OPK T4 Body-Cover	17.01.2012
OPK 2,5-Assembly-4-00	OPK 2,5-4 and OPK T4 Pushing Pin	17.01.2012
OPK 2,5-Assembly-3-00	OPK 2,5-4 and OPK T4 Spring	17.01.2012
OPK T4-Assembly-2-00	OPK T4 Leg	17.01.2012
OPK T4-Assembly-3-00	OPK T4 and 10 Leg Spring	17.01.2012
OPK T10-Assembly-00	OPK Earth 10 Assembly	17.01.2012
OPK T10-Assembly-1-00	OPK T10 Body-Cover	17.01.2012
OPK 6-Assembly-4-00	OPK 6-10 and OPK T10 Pushing Pin	17.01.2012
OPK 6-Assembly-3-00	OPK 6-10 and OPK T10 Spring	17.01.2012
OPK T10-Assembly-2-00	OPK T10 Leg	17.01.2012

Responsible person :

Nurettin Terzioğlu

Head of certification body



Date of issue : 21.05.2015