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NIPPON KAIJI KYOKAI

4-7KIOI-CHO, CHIYODA-KU,
TOKYO, 102-8567, JAPAN

Ref. : 14ME0912

Date : 20 November 2014

PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstrasse 8

D-32825 Blomberg

Germany

“Push – In Terminals”

Dear Sirs,

We have received your application letter with relevant documents.

The undermentioned equipment has been examined according to the Rules of the Nippon Kaiji Kyokai and the recognized standard and accepted to use on vessels classed with this Society.

Equipment	: Push – In Terminals
Manufacture	: Phoenix Contact Wielkopolska Spolka z.o.o.
Type	: See the attached sheets
Rating	: See the attached sheets

We are retaining the submitted documents for our records and files.

This letter remains it's valid provided that such equipment is being designed, manufactured and tested according to the recognized standard.

Yours faithfully,

Y. Shibata
General Manager of
Machinery Department

Attached sheet to 14ME0912

Type & Rating

Type	Rated Insulation Voltage (V)	Rated Current (A)	Rated Cross Section (mm ²)
PT 1.5/S	500	17.5	1.5
PT 1.5/S-PE			1.5
PT 1.5/S-TWIN	500	17.5	1.5
PT 1.5/S-TWIN-PE			1.5
PT 1.5/S-QUATTRO	500	17.5	1.5
PT 1.5/S-QUATTRO-PE			1.5
PT 1.5/S-QUATTRO-U	500	15	1.5
PTTB 1.5/S	500	16	1.5
PTTB 1.5/S-L/N	500	16	1.5
PTTB 1.5/S-PV	500	16	1.5
PTTB 1.5/S-PE			1.5
PTTB 1.5/S-PE/L	500	16	1.5
PTTB 1.5/S-PE/N	500	16	1.5
PT 1.5/S-3L	500	15	1.5
PT 1.5/S-3PE			1.5
PT 1.5/S-3PV	500	15	1.5
PT 1.5/S-3PE/L/N	500	15	1.5
PT 1.5/S-3PE/L/L	500	15	1.5
PTS 1.5/S	500	17.5	1.5
PTS 1.5/S-PE			1.5
PTS 1.5/S-TWIN	500	17.5	1.5
PTS 1.5/S-TWIN-PE			1.5
PTS 1.5/S-QUATTRO	500	17.5	1.5
PTS 1.5/S-QUATTRO-PE			1.5
PTTBS 1.5/S	500	16	1.5
PTTBS 1.5/S-PE			1.5
PTTBS 1.5/S-PV	500	16	1.5

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Type & Rating

Type	Rated Insulation Voltage (V)	Rated Current (A)	Rated Cross Section (mm ²)
PT 1.5/S/1P	500	17.5*	1.5
PT 1.5/S/1P-PE			1.5
PT 1.5/S-TWIN/1P	500	17.5*	1.5
PT 1.5/S-TWIN/1P-PE			1.5
PT 1.5/S-QUATTRO/2P	500	17.5*	1.5
PT 1.5/S-QUATTRO/2P-PE			1.5
PTTB 1.5/S/2P	500	16*	1.5
PTTB 1.5/S/2P-PE			1.5
PTTB 1.5/S/2P-PV	500	16*	1.5
PTS 1.5/S/1P	500	17.5*	1.5
PTS 1.5/S/1P-PE			1.5
PTS 1.5/S-TWIN/1P	500	17.5*	1.5
PTS 1.5/S-TWIN/1P-PE			1.5
PTTBS 1.5/S/2P	500	16*	1.5
PTTBS 1.5/S/2P-PE			1.5
PTTBS 1.5/S/2P-PV	500	16*	1.5
PP-H 1.5/S/x (1-15 poling)	500	17.5*	1.5
PP-H 1.5/S/1-L	500	17.5*	1.5
PP-H 1.5/S/1-M	500	17.5*	1.5
PP-H 1.5/S/1-R	500	17.5*	1.5
PPC 1.5/S/x (2-15 poling)	500	17.5	1.5
PPC 1.5/S/1-L	500	17.5	1.5
PPC 1.5/S/-NS/1-L	500	17.5	1.5

* : Current and voltage rating depending on the fuse size.

Attached sheet to 14ME0912

Type & Rating

Type	Rated Insulation Voltage (V)	Rated Current (A)	Rated Cross Section (mm ²)
FT 1.5/S	500	6	1.5
FT 1.5/S-PE			1.5
FT 1.5/S-TWIN	500	6	1.5
FT 1.5/S-TWIN-PE			1.5
FT 1.5/S-QUATTRO	500	6	1.5
FT 1.5/S-QUATTRO-PE			1.5
FTTB 1.5/S	500	6	1.5
FTTB 1.5/S-PE			1.5
FTTB 1.5/S-PV	500	6	1.5

* : Current and voltage rating depending on the fuse size.

Attached sheet to 14ME0912

Type & Rating

Type	Rated Insulation Voltage (V)	Rated Current (A)	Rated Cross Section (mm ²)
PTTB 2.5	500	22	2.5
PTTB 2.5-PE			2.5
PTTB 2.5-PE/L	500	24	2.5
PTTB 2.5-PE/N	500	24	2.5
PTTB 2.5-PV	500	22	2.5
PTTB 2.5-LA 24 RD	250*	22*	2.5
PTTB 2.5-LA 60 RD	250*	22*	2.5
PTTB 2.5-LA 230	250*	22*	2.5
PT 2.5-3L	500	20	2.5
PT 2.5-3PE			2.5
PT 2.5-PE/L/L	500	20	2.5
PT 2.5-PE/L/N	500	20	2.5
PT 2.5-3PV	500	20	2.5
PT 2.5	800	24	2.5
PT 2.5-PE			2.5
PT 2.5-TWIN	800	24	2.5
PT 2.5-TWIN-PE			2.5
PT 2.5-QUATTRO	800	24	2.5
PT 2.5-QUATTRO-PE			2.5
PT 2.5-MT	400	20	2.5
PT 2.5-TG	400	20	2.5
PT 2.5-TWIN-MT	400	20	2.5
PT 2.5-TWIN-TG	400	20	2.5
PT 2.5-QUATTRO-MT	400	20	2.5
PT 2.5-QUATTRO-TG	400	20	2.5

* : Current and voltage rating depending on lamp size.

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Type & Rating

Type	Rated Insulation Voltage (V)	Rated Current (A)	Rated Cross Section (mm ²)
PTS 2.5	800	24	2.5
PTS 2.5-PE			2.5
PTS 2.5-TWIN	800	24	2.5
PTS 2.5-TWIN-PE			2.5
PTS 2.5-QUATTRO	800	24	2.5
PTS 2.5-QUATTRO-PE			2.5
PTTBS 2.5	500	22	2.5
PTTBS 2.5-PE			2.5
PTTBS 2.5-PV	500	22	2.5
PT 2.5/1P	500	24**	2.5
PT 2.5/1P-PE			2.5
PT 2.5-QUATTRO/2P	500	24**	2.5
PT 2.5-QUATTRO/2P-PE			2.5
PT 2.5-TWIN/1P	500	24**	2.5
PT 2.5-TWIN/1P-PE			2.5
PTTB 2.5/2P	500	22**	2.5
PTTB 2.5/2P-PE			2.5
PTTB 2.5/2P-PV	500	22**	2.5
PP-H 2.5/ xx (2-15 polig)	500	24**	2.5
PP-H 2.5/1-L	500	24**	2.5
PP-H 2.5/1-M	500	24**	2.5
PP-H 2.5/1-R	500	24**	2.5

* : Current and voltage rating depending on lamp size.

** : Apply derating for higher temperature use

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Type & Rating

Type	Rated Insulation Voltage (V)	Rated Current (A)	Rated Cross Section (mm ²)
PT 4-MT	400	20	4
PT 4-TG	400*	20	4
PT 4-DIO 1N 5408/L-R	800	1.5*	4
PT 4-DIO 1N 5408/R-L	800	1.5*	4
PT 4-FSI/F	400*	10*	4
PT 4-FSI/F-LED 12	400* (15)	10*	4
PT 4-FSI/F-LED 24	400* (30)	10*	4
PT 4-QUATTRO-DIO 1N 5408/L-R	800	1.5*	4
PT 4-QUATTRO-DIO 1N 5408/R-L	800	1.5*	4
PT 4-HESI (5x20)	400 (250)*	6.3*	4
PT 4-HESILA (250 5x20)	400 (250)*	6.3*	4
PT 4-HESILED 24 (5x20)	400 (30)*	6.3*	4
PT 4-HESILED 60 (5x20)	400 (60)*	6.3*	4

() : Operation voltage for LED.

* : Current and voltage rating depending on the fuse size.

All type designation may be followed by suffix such as color or packaging options.