

REGISTRATION CERTIFICATE

Terminal block series

TB, TC, TK EKF PROxima



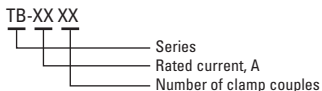
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1. PURPOSE

Terminal blocks series TB, TC, TK are intended for connecting and branching the copper and aluminum conductors in the electrical circuits of AC voltage up to 660 V, 50 Hz and are used as component parts in fixed installations.

Terminal blocks correspond to GOST 30011.7.1-2012 (IEC 60947-7-1: 2002).



2. TECHNICAL CHARACTERISTICS

Basic technical characteristics are given in Tables 1 and 2.

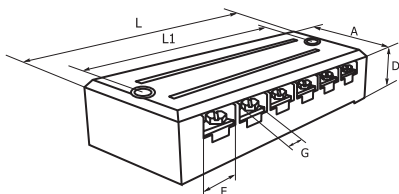
Table 1

Parameter	TB	TC	TK
Rated voltage, V	AC 660		
Frequency, Hz	50		
Housing material	karbolit		
Terminal clamps material	brass		
Insulation resistance, no less than, MOhm	50		
Material temperature stability, °C	±100	±400	±130
Protection degree	IP00		
Mounting arrangement	On mounting plate	On mounting plate	On mounting plate / on DIN-rail

Table 2

Designation	Current, A	Number of clamp couples	Maximum conductor section, mm
Terminal block TB -1504 up to 1,5 mm ² 15A EKF	15	4	1,5
Terminal block TB -1506 up to 1,5 mm ² 15A EKF	15	6	1,5
Terminal block TB -1512 up to 1,5 mm ² 15A EKF	15	12	1,5
Terminal block TB -2504 up to 2,5 mm ² 25A EKF	25	4	2,5
Terminal block TB -2506 up to 2,5 mm ² 25A EKF	25	6	2,5
Terminal block TB -2512 up to 2,5 mm ² 25A EKF	25	12	2,5
Terminal block TB -4504 up to 4,5 mm ² 45A EKF	45	4	4,5
Terminal block TB -4506 up to 4,5 mm ² 45A EKF	45	6	4,5
Terminal block TB -4512 up to 4,5 mm ² 45A EKF	45	12	4,5
Terminal block TC -1003 up to 35 mm ² 100A EKF	100	3	35
Terminal block TC -1004 up to 35 mm ² 100A EKF	100	4	35
Terminal block TC -1503 up to 70 mm ² 150A EKF	150	3	70
Terminal block TC -1504 up to 70 mm ² 150A EKF	150	4	70
Terminal block TC -2003 up to 95 mm ² 200A EKF	200	3	95
Terminal block TC -2004 up to 95 mm ² 200A EKF	200	4	95
Terminal block TC -3003 up to 150 mm ² 300A EKF	300	3	150
Terminal block TC -3004 up to 15 mm ² 300A EKF	300	4	15
Terminal block TC -603 up to 16 mm ² 60A EKF	60	3	16
Terminal block TC -604 up to 16 mm ² 60A EKF	60	4	16
Terminal block TK -0100 up to 25 mm ² 100A EKF	100	10	25
Terminal block TK -020 up to 2,5 mm ² 20A EKF	20	10	2,5
Terminal block TK -030 up to 4 mm ² 30A EKF	30	10	4
Terminal block TK -040 up to 6 mm ² 40A EKF	40	10	6
Terminal block TK -060 up to 10 mm ² 60A EKF	60	10	10

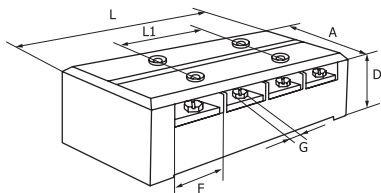
3. OVERALL DIMENSIONS



Terminal block TB series

Table 3

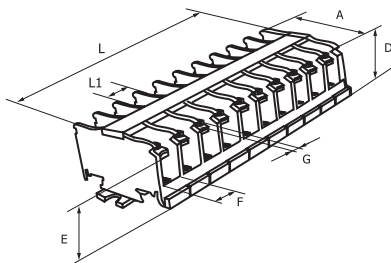
Item	L	L1	A	D	F	G
TB-1504	55,5	46	22	18	7,5	M3
TB-1506	73,5	64	22	18	7,5	M3
TB-1512	128	118	22	18	7,5	M3
TB-2504	67	57	30	19	11	M4
TB-2506	91	82	30	19	11	M4
TB-2512	163	153	30	19	11	M4
TB-4504	85	76	38	24	15	M5
TB-4506	121	110	38	24	15	M5
TB-4512	222	212	38	24	15	M5



Terminal block TC series

Table 5

Item	L	L1	A	D	E	F	G
TC-603	85	28	43	33	17	17	M6
TC-604	112	28	43	33	17	17	M6
TC-1003	104	34	55	38	17	23	M6
TC-1004	136	34	55	38	17	23	M6
TC-1503	117	39	67	41	20	24	M8
TC-1504	157	39	67	41	20	24	M8
TC-2003	134	45	72	44	23	28	M8
TC-2004	177	45	72	44	23	28	M8
TC-3003	164	55	89	51	27	36	M10
TC-3004	220	55	89	51	27	36	M10



Terminal block TK series

Table 4

Item	L	L1	A	D	E	F
TK010	104	10	38	35	20	9
TK020	104	10	38	35	20	9
TK030	124	12	38	36	20	10
TK040	139	14	38	36	20	11
TK060	165	16	48	43	22	13
TK0100	205	20	53	43	22	17

4. MAINTENANCE AND INSTALLATION FEATURES

Installation and connection of the contactors should be made by qualified electrical personnel.

CAUTION! Installation, connection and adjustment should be carried out with power off!

Terminal blocks must be operated in accordance with the "Rules of safety during the operation of electric installations by consumers."

Do not use terminal blocks having external mechanical damage.

5. TRANSPORTATION AND STORAGE

Terminal blocks can be transported by all modes of enclosed transport ensuring protection of packaged products from mechanical effects and atmospheric precipitations.

Terminal blocks must be stored in the original package indoors at ambient temperatures from -25°C to +50°C and relative humidity no more than 98% at +25°C.

Dispose off with normal household waste.

6. KITTING

1. Terminal block – 1 pcs;
2. Registration certificate – 1 pcs

7. MANUFACTURER GUARANTEE

The manufacturer guarantees the terminal blocks comply with the requirements of GOST 30011.7.1-2012 (IEC 60947-7-1: 2002) provided that all terms of use, transportation and storage are ensured.

Warranty service period: 5 years.

Service life: 10 years.

Guaranteed shelf life: 5 years.

8. TEST CERTIFICATE

Manufacture date « ___ » _____ 20__.

Stamp of the manufacturer's technical control department

9. NOTE OF SALE

Date of sale « ___ » _____ 20__.

Signature of the Seller _____

Seal of the selling company

«EKF Electrotechnica», LTD
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Tel.: 8 (800) 333-88-15 (free)
www.ekfgroup.com

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EAC

