



File E167040 Vol 1 Issued 12/05/1995
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FOLLOW-UP SERVICE PROCEDURE
(TYPE R)

COMPONENT - TERMINAL BLOCKS
(XCFR2,XCFR8)

Complementary Product Category

COMPONENT - COMMUNICATION CIRCUIT ACCESSORIES
(DUXR2)

Manufacturer: SWITCHLAB INC
(439707-001) 8TH FL
66 CHUNG CHENG RD
HSIN CHUANG CITY
TAIPEI HSIEN 24223 TAIWAN

Applicant: SAME AS MANUFACTURER
(439707-001)

Recognized Company: SAME AS MANUFACTURER
(439707-001)

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The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

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UNDERWRITERS LABORATORIES INC.

A handwritten signature in cursive script, appearing to read 'J. J. Ritchie'.

J. J. Ritchie
Vice President
Laboratory Management and Operations

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UL Online Certifications Directory

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Terminal Blocks - Component

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Terminal Blocks - Component

See General Information for Terminal Blocks - Component

SWITCHLAB INC

E167040

8TH FL

66 CHUNG CHENG RD

HSIN CHUANG, TAIPEI HSIEN 24223 TAIWAN

Cat. No.	Wire Range	Wire Type	FW	TQ Lb In.	V	A	UG	CA
T31	22-16	Cu	2	12	300	10	B, D	2(120),4
T32	22-16	Cu	2	12	300	15	B, D	2(120),4
					150	15	C	
T33	22-16	Cu	2	12	300	15	D	2(120),4
T34	22-14	Cu	2	12	300	20	D	2(120),4
T35	22-14	Cu	2	16	300	20	D	2(120),4
T36	22-12	Cu	2	16	300	25	B,C	2(120),4
T42	22-14	Cu	2	12	300	15	D	2(120),4
OT42,	22-14	Cu	2	8	300	15	D	2(120),
469801-001-99	only stranded							4, #1
T44	22-14	Cu	2	12	300	15	B, D	2(120),4
					150	15	C	
MB	24-14	Cu	2	4	300	10	D	2(105),4
MA	26-14	Cu	2	4	300	10	D	2(105),4
MX(3), MX (4)	14-24	Cu	2	—	300	10	D	2(105)
MC(5)	14-24	Cu	2	4.5	300	12	D	2(105),4
ME with 3.81 or 381 (2)	—	Cu	1	—	300	12	D	2(105)
ME with 5.00, 500, 10.00 or 100 (2)		Cu	1	—	300	16	B,D	2(105)
5.08 or 508 (2)								
ME with 3.50 or 350 (2)	—	Cu	1	—	150	12	B	2(105)
ME with 10.16 or 016 (2)	—	Cu	2	7	300	16	B,C	2(105)
					600		D	
MD01, MD02(6)	16-24	Cu	2	3	300	15	B,D	2(105),4
MD012(7) MD110, MD022 and MD122(8)	16-24	Cu	2	3	300	15	B,D	2(105),4
TD1	14-22	Cu	2	12	300	10	B,D	2(105),4
TD4	14-22	Cu	2	15	300	15	B,D	2(105),4*
	14-22	Cu	1	15	300	20	B,D	2(105),4*
MA212 (1)	16-26	Cu	2	2.5	300	6	B/C	2(105),4*
MA332, MA412 (1)	12-26(**)	Cu	2	4	300	16	B/C	2(105),4*

MA522(1)	14-22	Cu	2	4	300	16	B/C	2(105),4*
MB223(1D)	12-24	Cu	2	3.5	300	10	B,D	2(105),4
MB310(@16), MB320 (1),	12-26	Cu	2	7	300	16	B/C	2(105),4*
MB360 (1)								
MB312(@16), MB322 (1)	12-26	Cu	2	5	300	16	B/C	2(105),4*
MB362 (1)								
MB332 (1)	16-26	Cu	2	3	300	8	B/C	2(105),4*
MB910, MB920 (1)	10-24	Cu	2	9	600	30	D	2(105),4*
					300		C	
MB422(1D)	12-24	Cu	2	6	300	28	B,D	
MB420(1D)	12-24	Cu	2	6	300	28	B,D	2(105),4
MB912 750	10-24	Cu	2	5.5	300	30	B/D	8(105),4*
					150	—	C	
MB912635, MB912762	10-24	Cu	2	5.5	300	30	B/D	2(105),4*
MC100#(1A), MC101#(1A),	12-24	Cu	2	7	300	16	B/C	2(105),4*
MC200#(1A), MC211#(1A),								
MC210#(1A), MC201#(1A)								
MC100#(1B), MC101#(1B),	12-24	Cu	2	7	600	16	D	2(105),4*
MC200(1B), MC211(1B),								
MC210(1B), MC201(1B)								
MC200#(1B), MC211#(1B),					300		B,C	
MC210#(1B), MC201#(1B)								
MC100-762, MC101-762	14-24	Cu	2	4.5	150/300	15	C/B,D	2(105),4*
ME010-762, ME020-762, ME030-762,	—	Cu	1	—	150/300	15	C/B,D	2(105)
ME040-762, ME050-762, ME060-762								
MC420, MC421 (1C)	16-26	Cu	2	3	300	10	B,C	2(105),4*
T14, T24	12-22	Cu	2	12	300	20	B,D	2(120),4
T25, T26	12-22	Cu	2	16	300	25	B,D	2(120),4
T30, T301	16-30	Cu	2	10	300	10	B,D	2(120),4
T30M								
T401, T40M								
T40	16-30	Cu	2	8-10	300	10	B,D	2(120),4
	16-30, Str. 22-30, Sol.	Cu	2	8-10	150	10	C	2(120),4
T46M	14-22	Cu	2	16	300	22	B,D	2(120),4
T64W@	12-22	Cu	2	12	300	20	B,D	2(120),4
T64T@	12-22(**)	Cu	2	12	300	20	B,D	2(120),#2,4
T66W, T66AW@	14-22	Cu	2	12	300	25	B,D	2(120),4
T66T, T66AT@	14-22(**)	Cu	2	12	300	25	B,D	2(120),#2,4
T68W@	10-22	Cu	2	14	300	30	B,D	2(140),4
T68T@	10-22(**)	Cu	2	14	300	30	B,D	2(140),4
C31M, C41M	16-22	Cu	2	12	300	10	B,D	2(120),4*
C34M, C44M	14-22	Cu	2	12	300	15	B,D	2(120),4*

TD1	14-22	Cu	2	12	300	10	B,C	2(120),4
TA6	10-18	Cu	2	14	600	30	B,C	2(120),4*
	10-18	Cu	1	14	600	40	B,C	2(105),4*
TA7 (1)	10-18(**)	Cu	2	16	600	30	B,D	2(105),4
MC31 -(1)	14-24	Cu	1	7	300	16	B,D	2(105),4*
	14-24	Cu	2	7	300	15	B,D	2(105),4*
MX622500, MX622508	16-22	Cu	2	—	300	10	B,D	2(105),4
MX622750, MX622762	16-22	Cu	2	—	300	10	B,C	2(105),4
MX522*350	14-20(**)	Cu	2	—	300	6	B,D	2(105),4*
OMB362*500	12-24	Cu	2	—	300	15	B	2(105),4*
T21(#1)	12-22	Cu	2	8	300,	10	B,D,	2(120),4*
					300,		C	
					150			
MB612, -622, -632,	14-26	Cu	2	4.5	300,	16	B,D	2(105),4
-642, -652, -662				150		C		
OMC021	14-24 Str/Sol	Cu	2	4.5	250	10	B,D	2(115), 4, #2
MWX100A, MWX100-250, MWX100B, MWX100-254,	20-28	Cu	2	—	150	4	B	2(105),4*
MWX101A, MWX101-250, MWX101B, MWX101-254								
MWX100E, MWX100-500, MWX100F, MWX100-508,	14-28	Cu	1	—	300	16	B,D	2(105),4
MWX101E, MWX101-500, MWX101F, MWX101-508								
MH120*O (@1)	6-26	Cu	1	20.5	300	65	B, C	2(115)
MA311, MA321 (@2)	14-26 Str/Sol	Cu	2	3	300	15	B, C	2(115), 4
MB332-DA, MB332-DB, MB332-DC (@1)	16-26 Str/Sol	Cu	2	2	300	10	B	2(115), 4
MB332-DA, MB332-DB, MB332-DC (@1)	16-26 Str/Sol	Cu	2	2	300	10	B	2(115), 4
MC420, MC421, OMC420, OMC421 (@4)	16-26 Str/Sol	Cu	2	3	300	10	B, D	2(115), 4, #3
ME030, ME040, ME050, ME060 (@4)	—	—	1	—	300	10	B, D	2(115), #3
ME230, ME240, ME250, ME252, ME260 (@5)	—	—	1	—	300	10	B, D	2(140), #3
MC230 (@6)	14-24 Str/Sol	Cu	2	4.5	300	16	B	2(115), 4, #4
ME010 (@6)	—	—	1	—	300	16	B	2(115), #4
MC520, MC521, MC560, MC561(@7)	16-24 Str/Sol	Cu	2	3	300	10	B, D	2(115), 4, #5
ME030, ME040(@7)	—	—	1	—	300	10	B, D	2(115), #5
MA331(@8)	14-26 Str/Sol	Cu	2	2.5	300	15	B, C	2(115), 4
MB312(@8)	12-26 Str/Sol	Cu	2	5	300	16	B, C	2(115), 4
MB332(@9)	16-26 Str/Sol	Cu	2	1.5	300	10	B, D	2(115), 4
MB362(@10)	16-26 Str/Sol	Cu	2	1.5	300	10	B, D	2(115), 4
MB422 (@11)	12-24 Str/Sol	Cu	2	5	300	27	B	2(115), 4
MB432(@12)	12-24 Str/Sol	Cu	2	5	300	27	B	2(115), 4
OMB432(@13)	12-24 Str/Sol	Cu	2	5	300	27	B	2(115), 4

MX322-254	20-26 Str/Sol	Cu	2	—	150	6	B, D	2(115), 4
MX422-254	20-26 Str/Sol	Cu	2	—	150	6	B, D	2(115), 4
MC420(@14)	16-26 Str/Sol	Cu	2	2.5	300	12	B	2(115), 4, #6
ME430(@14)	16-26 Str/Sol	Cu	1	—	300	12	B	2(140), 4, #6
ME440(@14)	16-26 Str/Sol	Cu	1	—	300	12	B	2(140), 4, #6
MB220(@15)	12-24 Str/Sol	Cu	2	3.5	300	10	B, D	2(115), 4
MH120*016 (@1)	6-26 Str/Sol	Cu	2	20.5	300	65	B, C, D	2(115), 4
MX732-500M (@1)	14-22 Sol	Cu	2	—	300	8	B, D	2(115), 4
	14-22 Str					12	B	
							Note A	Note A, D

Note A - These limited ratings are applicable to a terminal block for use in or with industrial control equipment whereby the load on any single circuit of the terminal block does not exceed 15 A at 51-150 V, or 10 A at 151-300 V, or the maximum ampere rating, whichever is less.

(1) May be followed by 381, 500, 508, 750, 762 or 952, followed by M2, M3 or O2.

(1A) followed by # or -, followed by 5.00, 500, E1, 5.08, 508, F1, 7.62, 762, 100, N1, followed by 02 thru 24.

(1B) followed by # or -, followed by 10.16, 016 or O1, followed by 02 thru 24.

(1C) followed by 350 or 381, followed by 02 thru 24.

(1D) followed by 500 or 508, followed by M2, M3 or O2.

(2) followed by 02 thru 24.

(3) followed by 00 or 01, followed by 02 thru 12, followed by 1, 2, 3, A, B or C.

(4) followed by three alphanumeric digits, followed by 500, 508, 750, 762, 100 or 016, followed by 02 thru 24.

(5) followed by 000, followed by 350 or 508, followed by 02 thru 24.

(6) followed by 01 or 02, followed by 02 thru 24.

(7) followed 500, followed by M, followed by 02 thru 24.

(8) followed 500, followed by 02 thru 24.

(*)-Terminal blocks have been subjected to a 30 min secureness test as part of the mechanical sequence outlined in UL486 E

(**) Solid wire only

(#1)-Screw covers have not been evaluated for suitability as electric barriers

#2 - The Terminal Blocks provide printed circuit board edge connector and is intended use with 1.2 mm thick PWB, the suitability of the electrical connection (including spacings between PWB trace) shall be considered during the end-use product investigation.

#3 Model MC420 mated with ME230, MC420 mated with ME240, MC420 mated with ME250, MC420 mated with ME252, MC420 mated with ME260, MC420 mated with ME030, MC420 mated with ME040, OMC420 mated with ME030, OMC420 mated with ME040, MC421 mated with ME050, MC421 mated with ME060, OMC421 mated with ME050, OMC421 mated with ME060 Series are intended mating together to become a terminal block assembly. These devices have not been evaluated for use with any other mating combinations and have not been evaluated for interrupting the flow of current by connecting or disconnecting the mating terminal block assembly.

#4 Model MC230 mated with ME010 Series are intended mating together to become a terminal block assembly. These devices have not been evaluated for use with any other mating combinations and have not been evaluated for interrupting the flow of current by connecting or disconnecting the mating terminal block assembly.

#5 Model MC520 mated with ME030; MC520 mated with ME040; MC521 mated with ME030; MC521 mated with ME040; MC560 mated with ME030; MC560 mated with ME040; MC561 mated with ME030; MC561 mated with ME040 are intended mating together to become a terminal block

assembly. These devices have not been evaluated for use with any other mating combinations and have not been evaluated for interrupting the flow of current by connecting or disconnecting the mating terminal block assembly.

#6 Model MC420 mated with ME430 Series; MC420 mated with ME440 Series are intended mating together to become a terminal block assembly. These devices have not been evaluated for use with any other mating combinations and have not been evaluated for interrupting the flow of current by connecting or disconnecting the mating terminal block assembly.

@-May be followed by 02-26 to indicate number of poles.

(@1) - followed by 02 or 03.

@2 followed by 100, followed by 02 through 14.

@3 followed by DA, DB, DC, DD or DE.

@4 followed by 350 or 381, followed by 02 through 24.

@5 followed by D or 381, followed by 02 through 18.

@6 followed by 500 or 508, followed by 02 through 05.

@7 followed by 381, followed by 02 through 20.

@8 followed by 100, followed by M or blank, followed by 02 or 03.

@9 followed by 350, followed by M or blank, followed by 02 or 03.

@10 followed by 381, followed by A or B, followed by 02 thru 17.

@11 followed by 500 or 508, followed by A or B, followed by M or blank, followed by 02 or 03.

@12 followed by 500 or 508, followed by A, followed by M, followed by 02 or 03.

@13 followed by 500 or 508, followed by M or blank, followed by 02 or 03.

@14 followed by 381, followed by 02 thru 10.

@15 followed by 500, followed by 02 or 03.

@16 followed by 381, 500, 508, 750, 762 or 952, followed by M2, M3 or O2, followed by W or blank.

Marking: Company name or tradename "DECA" and catalog designation.

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