

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20161223-E60645  
**Report Reference** E60645-20161219  
**Issue Date** 2016-DECEMBER-23


**Issued to:** ABB France  
Activite Raccordement  
3 Rue Jean Perrin, CS90009  
69687 Chassieu Cedex France

**This is to certify that  
representative samples of** COMPONENT - TERMINAL BLOCKS  
See Addendum Page for models

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.


**Standard(s) for Safety:** UL1059 and CAN/CSA C22.2 No. 158-10, Terminal Blocks  
**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog  
number, model number or other product designation as specified under "Marking" for the particular  
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products  
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  
 may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is  
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual  
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance  
capabilities and are intended for use as components of complete equipment submitted for investigation rather  
than for direct separate installation in the field. The final acceptance of the component is dependent upon its  
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USR, CNR - Component Terminal Blocks, Cat. Nos. M35/16, M70/22.R, D70/22 with or without Suffix N, or PI.

USR, CNR - Component Protective Conductor Terminal Blocks, Cat. No. D70/22.P.

USR - Component Terminal Blocks, Cat. Nos. M4/6, M6/8, with or without Suffixes .1, .2, .3, .4, .C, .T, 10R, PI, and/or N; all with or without Suffix VO and/or NC.

Cat Nos. M10/10, M16/12 with or without Suffixes .1, .2, .3, .4, .C, .T, 10R, PI, and or N, with or without Suffix VO.

Cat. No. M16/12.2AG.

Cat. Nos. M4/6 with Suffixes .G, .2G, .2G.1, .2G.N, \*\* SB, \*\*SNB, \*\* SNBT, followed by 1 through 4, SNTS; all with or without Suffix VO and/or NC. Cat. No. M4/6.SNBT.4A, M4/6.SBT.4A

Cat. Nos. M4/6.3A, M4/6.3A.1, M4/6.4A., M4/6.4A.1\*\*, all with or without Suffix VO and/or NC.

Cat. Nos. M6/8 with Suffixes S, SB, \*\* SNB, or STP; all with or without Suffix VO and/or NC.

Cat. No. M6/12 -FF; Cat. Nos. R16/12, R35/16, with or without Suffix N or PI; Cat. Nos. M2.5/6 with Suffixes 2G.2G, 2G.2G.1, .4G, or .5.4G;

Cat. Nos. MS4/6; M6/8 STA, all with or without Suffix VO and/or NC.

Terminal block plug-in module, Cat. No. CF, may be followed by Nos. 174558, 173906, 173907, 173908, or 174601.

Cat. Nos. M6/8 with suffixes .ST; .ST1 maybe followed by .IP20 or IP20.Rx (where x = 1 to 99); .ST2; .ST3; .ST7.

## Ratings:

Cat. No	Number of wires, Wire Range AWG/kcmil	Wire Type, Cu	FW	Torque [in-lbs]	Voltage V	Current A	UG	CA
M2.5/6	1, 12-14AWG	Cu	1	-	600	20	C,D	2(105)
M4/6, MS4/6	1, No. 10-22 2, No. 14 2 or 3, No. 16 1 or 2, No. 18 1 to 3, No. 20-22	Cu	2	3.5 - 8	600	30 ++	C,D	2(105)
M4/6SNTS, M4/6SB, SNB	Same as M4/6	Cu	2	3.5 - 8	300	10	C,D	2(105)
SNBT1, -2, -3, -4	Same as M4/6	Cu	2	3.5 - 8	300	20	C,D	2(105)
M6/8	1, No. 8-22 1-2, No. 12-16 1-3, No. 16-22	Cu	2	12 - 20	600	50	C,D	2(105)

*B. Mahlen*

Bruce Mahlenholz, Director North American Certification Program

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M6/8 STA	1, No. 8-22	Cu	2	12 - 20	600	50	C,D	2(105)
M6/8-STP	Same as M6/8	Same as M6/8	2	12 - 20	600	40	C,D	2(105)
M6/8-S	Same as M6/8	Same as M6/8	2	12 - 20	600	20	C,D	2(105)
M6/12-FF	1, No. 8	Cu	1	50	600	40	C,D	2(105)
M6/8SB	Same as M6/8	Same as M6/8 except No. 10 AWG max.	2	12 - 20	300	20	C,D	2(105)
M6/8SNB	Same as M6/8	Same as M6/8 except No. 10 AWG max.	2	12 - 20	300	20	C,D	2(105)
Cat. No	Number of wires, Wire Range AWG/kcmil	Wire Type, Cu	FW	Torque [in-lbs]	Voltage V	Current A	UG	CA
M6/8.ST, M6/8.ST1, M6/8.ST1.IP20, M6/8.ST1.IP20.Rx; M6/8.ST2; M6/8.ST3	18-8 AWG STR	Cu	2	7 - 8.8 (1)(2)	150	30	C,D	2(105)4
	18-10 AWG SOL							
M6/8.ST7	18-8 AWG STR,	Cu	2	7 - 8.8 (1)(2)	150	40	C,D	2(105)4
	18-10 AWG SOL					30		
*M10/10	1, No. 6-10 1-2, No. 12-14 1-3, No. 18-20	Cu	2	- 10.6-12.4	600	65	C,D	2(105)
R16/12	1, No. 4-6	Cu	2	16 - 25	600	+++ 85	C,D	2(105)
	1-2, No. 8-12	Cu	2	16 - 25	600	70	C,D	2(105)
	1-3, No. 14	Cu	2	16 - 25	600	70	C,D	2(105)
Cat. No	Number of wires, Wire	Wire Type,	FW	Torque [in-lbs]	Voltage V	Current A	UG	CA

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	Range AWG/kcmil	Cu						
M16/12, M16/12.2AG	1, No. 4-18 2, No. 8-18 3, No. 14-18	Cu	2	10.6-12.4	600	+++ 85	C,D	2(105)
R35/16	1, No. 1/0-6	Cu	2	22.1-26.6	600	150	C,D	2(105)
M35/16	1, No. 1/0-10	Cu	2	25-26.6	600	150	B,C	2(105), 4
	2, No. 6-10					130		
M70/22.R	2/0-4	Cu	2	53 - 62	600	159	B,C	2(105), 4
D70/22	2/0 - 4	Cu	2	53 - 62	600	159	B,C	2(105), 4
D70/22.P	2/0 - 4	Cu	2	53 - 62	600	N/A	B,C	2(105), 4
M2.5/6.2G.2G, M2.5/6.2G.2G.1, M2.5/6.4G, M2.5/6.5.4G	10 AWG, Cu	Cu	2		600	25	C,D	2(105)
M4/6.G, M4/6.2G, M4/6.2G.1, M4/6.2G.N	###	Cu	2	3.5 - 8	600	20	C,D	2(105)
M4/6.3A, M4/6.3A.1, M4/6.4A, M4/6.4A.1,	###	Cu	2	3.5 - 8	600	20	C,D	2(105)
M4/6.SNBT.4A	22-10AWG, Cu	Cu	2	3.5 - 8	600	10	C,D	2(105)
M4/6.SBT.4A	22-10AWG, Cu	Cu	2	3.5 - 8	600	6.3	C,D	2(105)
CF(P/N 174558)	24-20 Str	Cu	2	-	-	15	C,D	2(105)
CF(P/N 173906)	18 Str.	Cu	2	-	-	15	C,D	2(105)
CF(P/N 173907)	16 Str.	Cu	2	-	-	15	C,D	2(105)
CF(P/N 173908)	14 Str	Cu	2	-	-	15	C,D	2(105)
CF(P/N 174601)	12 Str.	Cu	2	-	-	15	C,D	2(105)

## The pressure connectors are rated the same as Cat. No. M4/6.

++ M4/6 30 A max field-wiring, 35 A max, factory-wiring.

### - Wire sizes are same as for Cat. No. M4/6 for the pressure wire connectors.

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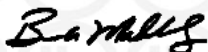
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+++ - May be used at 100 A max for factory-wiring.

1) - Torque value for screw of sliding bridge: 0.5Nm (Models: M6/8.ST, M6/8.ST1, M6/8.ST1.IP20, M6/8.ST1.IP20.Rx; M6/8.ST2; M6/8.ST3).

(2) - Torque value for Test Socket Screw: 0.5Nm (Models: M6/8.ST1, M6/8.ST1.IP20, M6/8.ST1.IP20.Rx; M6/8.ST3).

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, 10 A at 151-300 V, or 5 A at 301-600 V, or the maximum ampere rating, whichever is less.



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