

Zertifikat *Certificate*

mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.*
J 50073172

Blatt *Page*
0001

Ihr Zeichen *Client Reference*
ML-7000-1

Unser Zeichen *Our Reference*
ZJL-CDR- 12011112 001

Ausstellungsdatum
02.11.2005

Date of Issue
(day/month/year)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-3 Ebisu
Shibuya-ku, Tokyo 150-0013
Japan

Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd.
Kasukabe Factory
8-4 Minami-Sakae-cho
Kasukabe-shi, Saitama 344-0057
Japan

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*



EN 60947-7-1:2002

Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

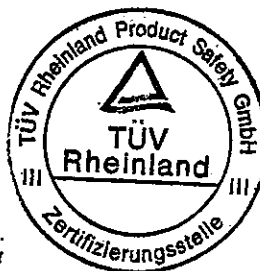
Terminal Block

Type Designation : ML-7000-y-z	5
y = A or B	1
z = max. 15 digit(s) or blank	1
Dashes are optional	

Number of Poles : 1
Rated Voltage : AC/DC 300V, 50/60Hz
Rated Current : 10A (with 2.0mm² wire)
Rated Withstand Impulse Voltage : AC 4000V
Overvoltage Category : III
Pollution Degree : 3
IP Degree : IP20
Upper/Lower Limit Temperature : 105°C/-20°C
Max. Ambient Temperature at Rated Current : 70°C

7

ANLAGE (Appendix) : 1



Zertifizierungsstelle

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Dipl.-Ing. M. Geiser

Zertifikat

mit überwachter Konformität *of surveyed conformity*

Certificate



Zertifikat Nr. *Certificate No.*
J 50073172

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0002

Ihr Zeichen *Client Reference*
ML-7000-2

Unser Zeichen *Our Reference*
ZJL-CDR- 12011112 002

Ausstellungsdatum
12.12.2005

Date of Issue
(day/month/year)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-3 Ebisu
Shibuya-ku, Tokyo 150-0013
Japan

Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd.
Kasukabe Factory
8-4 Minami-Sakae-cho
Kasukabe-shi, Saitama 344-0057
Japan

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*



EN 60947-7-1:2002

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block

Change

for Type Designation ML-7000-y-z
z = max. 15 digit(s) or blank
Dashes are optional :

Suffix : y = A or B

changed to : y = A or blank, or B

ANLAGE (Appendix) : 1.1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
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fulfills above-mentioned-requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Dipl.-Ing. W. Herfischke

Zertifikat

Certificate

mit überwachter Konformität of surveyed conformity



Zertifikat Nr. *Certificate No.*
J 50073172

Blatt *Page*
0003

Ihr Zeichen *Client Reference*
ML-7000-3

Unser Zeichen *Our Reference*
ZJL-CDR- 12011112 003

Ausstellungsdatum
27.03.2006

Date of Issue
(day/month/year)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-3 Ebisu
Shibuya-ku, Tokyo 150-0013
Japan

Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd.
Kasukabe Factory
8-4 Minami-Sakae-cho
Kasukabe-shi, Saitama 344-0057
Japan

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*



EN 60947-7-1:2002

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block

Change

Upper Limit Temperature : 105°C

changed to : 80°C

Remark : Appendix 1, 1.1 were replaced by 1.2.

ANLAGE (Appendix): 1.2

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
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Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Dipl.-Ing. M. Geiser

Zertifikat *Certificate*
mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.* Blatt *Page*
J 50073172 0004

Ihr Zeichen *Client Reference* Unser Zeichen *Our Reference* Ausstellungsdatum *Date of Issue*
ML-7000-5 ZJL-WURO- 12011112 005 22.08.2008 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-3 Ebisu
Shibuya-ku, Tokyo
150-0013 JAPAN

Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd.
Kasukabe Factory
8-4 Minami-Sakae-cho
Kasukabe-shi, Saitama
344-0057 JAPAN

Prüfzeichen *Test Mark* Geprüft nach *Tested acc. to*
 EN 60947-7-1:2002

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block

Change

for Type Designation ML-7000-y-z 1
z = max. 15 digit(s) or blank
Dashes are optional :

Suffix : y = A, B or blank

changed to : y = A, B, blank or PM

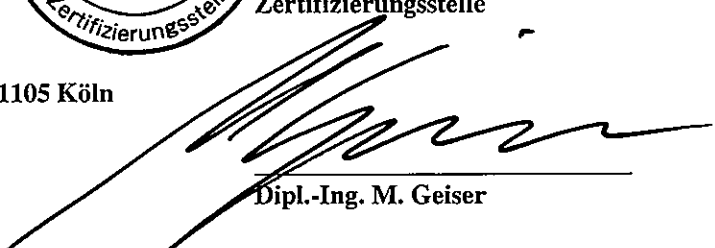
1



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Zertifizierungsstelle


Dipl.-Ing. M. Geiser

Zertifikat *Certificate*
mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.*
J 50073172

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0005

Ihr Zeichen *Client Reference*
Y.K.

Unser Zeichen *Our Reference*
ZJL-MTS- 12011112 005

Ausstellungsdatum
17.03.2009

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-3 Ebisu
Shibuya-ku, Tokyo
150-0013 JAPAN

Fertigungsstätte *Manufacturing Plant*
Niigata Sato Parts Co., Ltd.
2255-2 Torigoe
Nagaoka-shi, Niigata
940-2316 JAPAN

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*

EN 60947-7-1:2002



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block

Addition

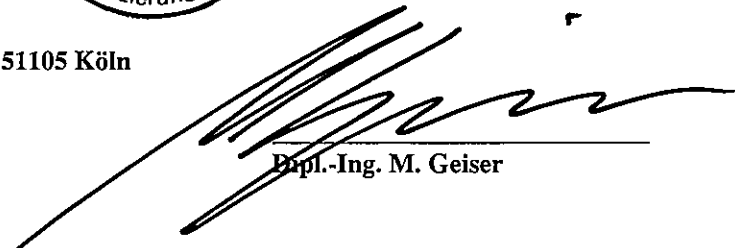
Factory : (see above)

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above-mentioned-requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln


Dipl.-Ing. M. Geiser

Zertifikat **Certificate**
mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.* Blatt *Page*
J 50073172 0006

Ihr Zeichen *Client Reference* Unser Zeichen *Our Reference* Ausstellungsdatum *Date of Issue*
ML-7000 ZJL-MIU- 12011112 007 10.08.2011 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-3 Ebisu
Shibuya-ku, Tokyo
150-0013 JAPAN

Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd.
Kasukabe Factory
8-4 Minami-Sakae-cho
Kasukabe-shi, Saitama
344-0057 JAPAN

Prüfzeichen *Test Mark* Geprüft nach *Tested acc. to*

EN 60947-7-1:2002



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block

Change

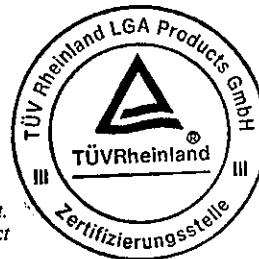
for Type Designation ML-7000-y-z
z = max. 15 digit(s) or blank
Dashes are optional :

Suffix : y = A, B, blank or PM

changed to : y = A, ME, blank or PM

ANLAGE (Appendix): 1.3

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.*



Zertifizierungsstelle

Dipl.-Ing. R. Keller

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifikat *Certificate*
mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.* Blatt *Page*
J 50073172 0007

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum</i>	<i>Date of Issue</i> <i>(day/mo/yr)</i>
--	ZJL-MIU- 12011112 008	01.06.2012	

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-3 Ebisu
Shibuya-ku, Tokyo
150-0013 JAPAN

Fertigungsstätte *Manufacturing Plant*
Niigata Sato Parts Co., Ltd.
2255-2 Torigoe
Nagaoka-shi, Niigata
940-2316 JAPAN

Prüfzeichen *Test Mark* **Geprüft nach** *Tested acc. to*

EN 60947-7-1:2009



Zertifiziertes Produkt (*Geräteidentifikation*)
Certified Product (*Product Identification*)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block, as page 0001

Change

Test Requirement : EN 60947-7-1:2002

changed to : (see above)

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This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 <http://www.tuv.com/safety>

Dipl.-Ing. (FH) M. Geiser

Zertifikat *Certificate*
mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.*
J 50073172

Blatt *Page*
0008

Ihr Zeichen *Client Reference*
FACH-NGT

Unser Zeichen *Our Reference*
ZJL-MAA- 12011112 009

Ausstellungsdatum
30.04.2015

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-3 Ebisu
Shibuya-ku, Tokyo
150-0013 JAPAN

Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd. Niigata Factory
2255-2 Torigoe
Nagaoka-shi, Niigata
940-2316 JAPAN

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*



EN 60947-7-1:2009

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block, as page 0001

Change

Name of Factory: Niigata Sato Parts Co., Ltd.

changed to: (see above)

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 <http://www.tuv.com/safety>

Vilmos Sztaroveczki

Zertifikat *Certificate*
mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.* Blatt *Page*
J 50073172 0009

Ihr Zeichen *Client Reference* Unser Zeichen *Our Reference* Ausstellungsdatum *Date of Issue*
TUV-ADD-CH ZJL-MAA- 12011112 009 27.09.2016 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3F Sanyu Bldg. 3-42-1, Hongo
Bunkyo-ku, Tokyo
113-0033 Japan

Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd. Niigata Factory
2255-2 Torigoe
Nagaoka-shi, Niigata
940-2316 Japan

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*



EN 60947-7-1:2009

Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product *(Product Identification)*

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block, as page 0001

Change

Address of
License Holder: 3-3-3 Ebisu, Shibuya-ku, Tokyo
150-0013 JAPAN

changed to: (see above)



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Vilmos Sztaroveczki

Zertifikat *Certificate*
mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.* Blatt *Page*
J 50073172 0010

Ihr Zeichen *Client Reference* Unser Zeichen *Our Reference* Ausstellungsdatum *Date of Issue*
Factory-Del-Kasukabe ZJL-MAA- 12011112 009 27.01.2017 (day/mo/yr)

Genehmigungsinhaber *License Holder* Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd. Sato Parts Co., Ltd. Niigata Factory
3F Sanyu Bldg. 3-42-1, Hongo 2255-2 Torigoe
Bunkyo-ku, Tokyo Nagaoka-shi, Niigata
113-0033 Japan 940-2316 Japan

Prüfzeichen *Test Mark* Geprüft nach *Tested acc. to*
EN 60947-7-1:2009



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block, as page 0001

Change

Factory: Sato Parts Co., Ltd.
Kasukabe Factory
8-4 Minami-Sakae-cho
Kasukabe-shi, Saitama
344-0057 JAPAN

withdrawn

Remark: Replaces J 50073172 page 0010, dated 17.01.2017.



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (FH) F. Becker

Zertifikat *Certificate*
mit überwachter Konformität *of surveyed conformity*



Zertifikat Nr. *Certificate No.*
J 50073172

Blatt *Page*
0011

Ihr Zeichen *Client Reference*
ADD-CH

Unser Zeichen *Our Reference*
ZJL-MAA- 12011112 009

Ausstellungsdatum
27.02.2020

Date of Issue
(day/month/year)

Genehmigungsinhaber *License Holder*
Sato Parts Co., Ltd.
3-3-8, Sotokanda,
Chiyoda-ku, Tokyo
101-0021 Japan

Fertigungsstätte *Manufacturing Plant*
Sato Parts Co., Ltd. Niigata Factory
2255-2 Torigoe
Nagaoka-shi, Niigata
940-2316 Japan

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*



EN 60947-7-1:2009

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Terminal Block, as page 0001

Change

Address of
License Holder: 3F Sanyu Bldg. 3-42-1, Hongo
Bunkyo-ku, Tokyo
113-0033 Japan

changed to: (see above)



*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.*

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (FH) F. Becker

Constructional Data Form

Page 1/4

Licenseholder : **Sato Parts Co., Ltd.**
 3-3-3 Ebisu, Shibuya-ku, Tokyo 150-0013 Japan.
 Factory : **Sato Parts Co., Ltd. Kasukabe Factory**
 (full address) 8-4 Minami-sakae-chou, Kasukabe-shi, Saitama 344-0057 Japan.
Niigata Sato Parts Co., Ltd.
 2255-2 Torigoe, Nagaoka-shi, Niigata 940-2316 Japan.

Type or Model Number : ML-7000 series
 Kind of Device: Terminal Block

Specifications			
Type designation	ML-7000 series		
Contact material	Copper Alloy (Plated)		
Number of poles	1 (Relay type) (A housing of ML-7000 can be connected with another ML-7000 using the concavity and convexity of each housing)		
Rated voltage	AC 300V / DC 300V		
Rated current	10A (with 2.0 mm ² wire)		
Rated frequency	AC 50/60		
Rated withstand impulse voltage	AC 4000V		
Breaking Capacity	AC 2000V / 1 minute		
Mechanical endurance	100 times		
Number of bendings	N/A		
Overvoltage category	III		
Pollution degree	3		
Creepage / Clearance distance (contact – contact)	Between	Creepage Distance	Clearance Distance
	Contact – Contact	>9.5 mm	>6.4 mm
Upper limit temperature	80°C		
Lower limit temperature	-20°C		
Max. ambient temp. at rated current	70°C		
IP code	IP20		
Classification	<input type="checkbox"/> CBC <input checked="" type="checkbox"/> NCB		

TÜV Rheinland

Ebisu

03.08.2011

(Place)

(Date)

 5 Aug 2011 *M. Ueki*
 (Date) (Signature)

 SATO PARTS Co., Ltd. Y. Sakuragi *Y. SAKURAGI*
 (Stamp and Signature of Applicant)

Constructional Data Form

Page 2/4

Specifications (terminals)	
Type of terminals	<input type="checkbox"/> WRAPPED CONNECTION <input type="checkbox"/> CLIP CONNECTION <input type="checkbox"/> INSULATION DISPLACEMENT CONNECTION <input checked="" type="checkbox"/> SCREWLESS TERMINALS <input type="checkbox"/> FLAT, QUICK CONNECT TERMINATIONS <input type="checkbox"/> SOLDER TERMINALS <input type="checkbox"/> CRIMPED CONNECTION <input type="checkbox"/> PRESS-IN CONNECTION <input type="checkbox"/> SCREW TERMINALS <input type="checkbox"/> other:
Terminal designation	N/A
Spec. Tightening torque	N/A
Rated cross section of conductor	ML-7000-A Front(and/or Back) : For flexible conductor ; 0.2 mm ² ~ 2.0 mm ² (AWG24~14) For rigid conductor ; ϕ 0.4 mm ~ ϕ 1.6 mm(AWG26~14)
	ML-7000-ME Front : For rigid conductor ; ϕ 1.6 mm ~ ϕ 2.0 mm(AWG14~12) Back : For flexible conductor ; 0.2 mm ² ~ 2.0 mm ² (AWG24~14) For rigid conductor ; ϕ 0.4 mm ~ ϕ 1.6 mm(AWG26~14)
	ML-7000-PM - (Mounting block)
Kind of conductor	Flexible / rigid
Required preparation of the conductor	N/A
Max. Stripping length	11.0mm
Max. Number of conductors per Terminal	1+1(Front +Back)
Rated current/wire size	10A (MAX)

Rated current/wire size	Wire size	AWG	Current (A)
	Flexible		
	2.0 mm ²	14	10
	1.25 mm ²	16	10
	0.75 mm ²	18	7
	0.5 mm ²	20	5
	0.3 mm ²	22	3
	0.2 mm ²	24	2
Rigid			
	ϕ 2.0 mm(3.14mm ²)	12	10
	ϕ 1.6 mm(2.0mm ²)	14	10
	ϕ 1.2 mm(1.1mm ²)	16	10
	ϕ 1.0 mm(0.78mm ²)	18	7
	ϕ 0.8 mm(0.5mm ²)	20	5
	ϕ 0.5 mm(0.2mm ²)	24	2
	ϕ 0.4mm(0.13mm ²)	26	1

TÜV Rheinland

Ebisu

03.08.2011

(Place)

(Date)

 5 Aug. 2011 *M. Ueki*
 (Date) (Signature)

SATO PARTS Co., Ltd.

Y. Sakuragi

Y. SAKURAGI

(Stamp and Signature of Applicant)

Constructional Data Form

Page 3/4

Materials

Parts' Name	Material	
Housing A	Polyamide, Type 66 Nylon	R/C plastic (QMFZ2) , File No. : E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type : 2015SV, RTI : 105°C, CTI : 0(PLC)
Housing B		R/C plastic (QMFZ2) , File No. : E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type : 2015SE, RTI : 105°C, CTI : 0(PLC)
Housing C		Polyamide, Type 66 Nylon
Release Button B		R/C plastic (QMFZ2) , File No. : E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type : FR370, RTI : 105°C, CTI : 0(PLC)
Release button A	Polyamide, Type 66 Nylon	R/C plastic (QMFZ2) , File No. : E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type : 2015SV, RTI : 105°C, CTI : 0(PLC)
		R/C plastic (QMFZ2) , File No. : E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type : 2015SE, RTI : 105°C, CTI : 0(PLC)
		R/C plastic (QMFZ2) , File No. : E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type : FR370, RTI : 105°C, CTI : 0(PLC)
		R/C plastic (QMFZ2) , File No. : E245249, any color, UL94V-0 LANXESS AG, Type : DP A30SFN30, RTI : -, CTI : 0(PLC)
	PPE, Polyphenylene Oxide(PPHOX)	R/C plastic (QMFZ2) , File No. : E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp. Type : AN60, RTI : 105°C, CTI : 3(PLC)
		R/C plastic (QMFZ2) , File No. : E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp. Type : LN60, RTI : 65°C, CTI : 0(PLC)
	Polycarbonate	R/C plastic (QMFZ2) , File No. : E232486, any color, UL94V-0 Sun Delta corporation, Type : V7(b)0+, RTI : -, CTI : -
		R/C plastic (QMFZ2) , File No. : E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp. Type : FPR3500+, RTI : 80°C, CTI : 2
Spring	One provided per pole. Stainless steel, 19.6 by 6.75 by 5.65mm overall, 0.3mm thick. Secured to wire terminal by one notch.	
Wire terminal	Copper alloy(t0.5) : Plated	
Wire terminal (T)	Copper alloy(t0.5) : Plated	

TÜV Rheinland

Ebisu

03.08.2011

(Place)

(Date)

 5 Aug. 2011 *M. Ueki*
 (Date) (Signature)

SATO PARTS Co., Ltd.

Y. Sakuragi

Y. SAKURAGI

(Stamp and Signature of Applicant)

Constructional Data Form

Page 4/4

TYPE NOMENCLATURE:Example : $\frac{ML-7000}{A} - \frac{A}{y} - \frac{U}{z}$

A – Basic construction (Model No.)

y – Structure

A or blank – Housing A with release button A, housing B with release button A, a wire terminal and a spring.

ME – Housing A with release button A, housing C with release button B, a wire terminal and a spring.

PM – Mounting block.

z – Suffix : Blank or maximum 15 digit(s) number and/or letters such as drawing numbers.

Example; Specified drawing number that denote specified color of the body.

Note: Dashes are optional.

TÜV Rheinland

Ebisu

03.08.2011

(Place)

(Date)

5 Aug. 2011 M. Ueki
(Date) (Signature)

SATO PARTS Co., Ltd.

Y. Sakuragi

Y. SAKURAGI

(Stamp and Signature of Applicant)

NOTICE OF ALTERATIONS/MODIFICATION (変更通知)

Applicant (申請会社名) : Sato Parts Co., Ltd. (サトーパーツ株式会社)

Signature: D. Sato
(サイン)

Ref. No.: _____

Date: 2012/11/9

Page: 1/2

Product (製品名) : TERMINAL BLOCK

Type designation (型式) : ML-7000 series

Report No.: _____

License No.: J 50073172

Methods (Design / Component) Presently Employed (変更前 : 現行)		Alteration/Modification to be Introduced (変更後)	
Part's Name	Material	Part's Name	Material
Housing A	Polyamide, Type 66 Nylon R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV RTI:105°C ,CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC)	Housing A	Polyamide, Type 66 Nylon R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV RTI:105°C ,CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC) Alternate: R/C plastic (QMFZ2) , File No.:E245249, any color, UL94V-0 LANXESS AG, Type A30SFN31 RTI:125°C, CTI:0(PLC)
Housing B		Housing B	
Housing C		Housing C	
Release button B		Release button B	

TQV (China) and Japan
 Genehmigt/Approved
2012-11-14
M. Ueki
 Ref. No.:
12011112 009

● 記入の仕方: 変更前(現行)と変更後の対比、違いが明確に理解できる書き方(英語)をお願いします。特に1次側の変更か2次側の変更かを明記下さい。

NOTICE OF ALTERATIONS/MODIFICATION

(変更通知)

Applicant (申請会社名) : Sato Parts Co., Ltd. (サトーパーツ株式会社)

Date: 2012/11/9

Signature: D. Sato

Ref. No.: _____

Page: 2/2




(サイン)

Product (製品名) : TERMINAL BLOCK

Type designation (型式) : ML-7000 series

Report No.: _____

License No.: J 50073172

Methods (Design / Component) Presently Employed (変更前 : 現行)	Alteration/Modification to be Introduced (変更後)					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Part's Name</th> <th style="text-align: left;">Material</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">Release button B</td> <td style="vertical-align: top;"> Polyamide, Type 66 Nylon R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV RTI:105°C ,CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASahi KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC) <u>Alternate:</u> R/C plastic (QMFZ2) , File No.:E41179, any color, UL94V-0 MITSUBISHI ENGINEERING-PLASTICS CORP, Type LN60+ RTI:65°C, CTI:0(PLC) </td> </tr> </tbody> </table>	Part's Name	Material	Release button B	Polyamide, Type 66 Nylon R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV RTI:105°C ,CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASahi KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC) <u>Alternate:</u> R/C plastic (QMFZ2) , File No.:E41179, any color, UL94V-0 MITSUBISHI ENGINEERING-PLASTICS CORP, Type LN60+ RTI:65°C, CTI:0(PLC)	
Part's Name	Material					
Release button B	Polyamide, Type 66 Nylon R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV RTI:105°C ,CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASahi KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC) <u>Alternate:</u> R/C plastic (QMFZ2) , File No.:E41179, any color, UL94V-0 MITSUBISHI ENGINEERING-PLASTICS CORP, Type LN60+ RTI:65°C, CTI:0(PLC)					
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">  TUV Rheinland Japan Genchigi/Approved 2012-11-14 <i>M. Ueki</i> Ref. No.: 1201112 009 </td> </tr> </table>	 TUV Rheinland Japan Genchigi/Approved 2012-11-14 <i>M. Ueki</i> Ref. No.: 1201112 009			
 TUV Rheinland Japan Genchigi/Approved 2012-11-14 <i>M. Ueki</i> Ref. No.: 1201112 009						

● 記入の仕方: 変更前(現行)と変更後の対比、違いが明確に理解できる書き方(英語)をお願いします。特に1次側の変更か2次側の変更かを明記下さい。

NOTICE OF ALTERATIONS/MODIFICATION

(変更通知)

Applicant (申請会社名) : Sato Parts Co., Ltd. (サトーパーツ株式会社)

Date: 2009/8/17

Signature: Y. SAKURAGI
(サイン)

Ref. No.: ZJL-CDR-12011112 003

Page: 1/3

Product (製品名) : TERMINAL BLOCK

Type designation (型式) : ML-7000 series

Report No.: 12011112 006

License No.: J 50073172

Methods (Design / Component) Presently Employed (変更前 : 現行)		Alteration/Modification to be Introduced (変更後)																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Part's Name</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>Housing A</td> <td>Polyamide, Type 66 Nylon</td> </tr> <tr> <td>Housing B</td> <td>R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0</td> </tr> <tr> <td>Housing C</td> <td>UBE INDUSTRES LTD., Type 2015SV</td> </tr> <tr> <td>Release button B</td> <td>RTI:105°C ,CTI:0(PLC)</td> </tr> </tbody> </table>	Part's Name	Material	Housing A	Polyamide, Type 66 Nylon	Housing B	R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0	Housing C	UBE INDUSTRES LTD., Type 2015SV	Release button B	RTI:105°C ,CTI:0(PLC)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Part's Name</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>Housing A</td> <td>Polyamide, Type 66 Nylon</td> </tr> <tr> <td>Housing B</td> <td rowspan="3">R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV RTI:105°C ,CTI:0(PLC) <u>Alternate:</u> R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC)</td> </tr> <tr> <td>Housing C</td> </tr> <tr> <td>Release button B</td> </tr> <tr> <td></td> <td>R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC)</td> </tr> </tbody> </table>	Part's Name	Material	Housing A	Polyamide, Type 66 Nylon	Housing B	R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV RTI:105°C ,CTI:0(PLC) <u>Alternate:</u> R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC)	Housing C	Release button B		R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC)
Part's Name	Material																				
Housing A	Polyamide, Type 66 Nylon																				
Housing B	R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0																				
Housing C	UBE INDUSTRES LTD., Type 2015SV																				
Release button B	RTI:105°C ,CTI:0(PLC)																				
Part's Name	Material																				
Housing A	Polyamide, Type 66 Nylon																				
Housing B	R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV RTI:105°C ,CTI:0(PLC) <u>Alternate:</u> R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC)																				
Housing C																					
Release button B																					
	R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC)																				
		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p style="margin: 0;"> TÜV Rheinland Japan Genehmigt/Approved <i>6. Oct. 2009</i> <i>M. Ueki</i> Ref. No.: <u>12011112 006</u> </p> </div>																			

● 記入の仕方 : 変更前 (現行) と変更後の対比、違いが明確に理解できる書き方 (英語) でお願いします。特に 1 次側の変更か 2 次側の変更かを明記下さい。

NOTICE OF ALTERATIONS/MODIFICATION (変更通知)

Applicant (申請会社名) : Sato Parts Co., Ltd. (サトーパーツ株式会社)

Date: 2009/8/17

Signature: Y. SAICURAGI

Ref. No.: ZJL-CDR-12011112 003

Page: 2/3


(サイン)

Product (製品名) : TERMINAL BLOCK

Type designation (型式) : ML-7000 series

Report No.: 12011112 006

License No.: J 50073172

Methods (Design / Component) Presently Employed (変更前 : 現行)		Alteration/Modification to be Introduced (変更後)	
Part's Name	Material	Part's Name	Material
Release button A	Polyamide, Type 66 Nylon R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV, RTI:105°C ,CTI:0(PLC)	Release button A	Polyamide, Type 66 Nylon R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SV, RTI:105°C ,CTI:0(PLC) <u>Alternate:</u> R/C plastic (QMFZ2) , File No.:E48133, any color, UL94V-0 UBE INDUSTRES LTD., Type 2015SE RTI: 105°C, CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI:105°C, CTI:0(PLC) R/C plastic (QMFZ2) , File No.:E245249, any color, UL94V-0 LANXESS AG, Type DP A30SFN30 RTI:-, CTI:0(PLC)
		<div style="border: 1px solid black; padding: 5px; display: inline-block;">  TÜV Rheinland Japan Genehmigt/Approved <i>6. Oct. 2009</i> <i>M. Ueki</i> Ref. No.: <i>12011112 006</i> </div>	

● 記入の仕方 : 変更前 (現行) と変更後の対比、違いが明確に理解できる書き方 (英語) でお願いします。特に1次側の変更か2次側の変更かを明記下さい。

NOTICE OF ALTERATIONS/MODIFICATION

(変更通知)

Applicant (申請会社名) : Sato Parts Co., Ltd. (サトーパーツ株式会社)

Date: 2009/8/17

Signature: Y. SAKURAGI

Ref. No.: ZJL-CDR-1201112 003

Page: 3/3

(サイン)


Product (製品名) : TERMINAL BLOCK

Type designation (型式) : ML-7000 series

Report No.: 1201112 006

License No.: J 50073172

Methods (Design / Component) Presently Employed (変更前 : 現行)		Alteration/Modification to be Introduced (変更後)	
Part's Name	Material	Part's Name	Material
Release button A	PPE, Ployphenylene Oxide(PPHOX) R/C plastic(QMFZ2), File No.: E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp.Type: AN60, RTI:105°C, CTI:3(PLC)	Release button A	PPE, Ployphenylene Oxide(PPHOX) R/C plastic(QMFZ2), File No.: E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp.Type: AN60, RTI:105°C, CTI:3(PLC)
	Polycarbonate R/C plastic (QMFZ2) , File No.:E232486, any color, UL94V-0 Sun Delta corporation, Type: V7(b)0+, RTI:- ,CTI:-		Alternate: R/C plastic(QMFZ2), File No.: E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp., Type: LN60 RTI:65°C, CTI:0(PLC)
	Polycarbonate (Iupilon) R/C plastic (QMFZ2) , File No.:E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp., Type: FPR3500+, RTI:80°C ,CTI:2		Polycarbonate R/C plastic (QMFZ2) , File No.:E232486, any color, UL94V-0 Sun Delta corporation, Type: V7(b)0+, RTI:- ,CTI:- Polycarbonate (Iupilon) R/C plastic (QMFZ2) , File No.:E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp., Type: FPR3500+, RTI:80°C ,CTI:2
Spring	One provided per pole. Stainless steel, 19.6 by 6.75 by 5.65mm overall, 0.3mm thick. Secured to wire terminal by one notch.	Spring	One provided per pole. Stainless steel, 19.6 by 6.75 by 5.65mm overall, 0.3mm thick. Secured to wire terminal by one notch.
Wire terminal	Copper alloy(t0.5) : Plated	Wire terminal	Copper alloy(t0.5) : Plated
Wire terminal(T)	Copper alloy(t0.5) : Plated	Wire terminal(T)	Copper alloy(t0.5) : Plated

 TÜV Rheinland Japan
 Genehmigt/Approved
6. Oct. 2009
M. Ueki
 Ref. No.:
1201112 006

● 記入の仕方 : 変更前 (現行) と変更後の対比、違いが明確に理解できる書き方 (英語) でお願いします。特に 1 次側の変更か 2 次側の変更かを明記下さい。

NOTICE OF ALTERATIONS/MODIFICATION

(変更通知)

Applicant(申請会社名): SATO PARTS CO., LTD.

Date: 2008/7/21

Signature: *M. J. [Signature]*
(サイン)

Ref.No. _____

Page: _____

Product(製品名): TERMINALBLOCK

Type designation(型式): ML-7000

Report No.: _____

License No.: J50073172

Method(Design/Component)Presently Employed (変更前:現行)	Alterration/Modification to be Introduced (変更後)
<p style="text-align: center; font-size: 1.2em;">There are no Mounting block</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="font-size: 0.8em;">TÜV Rheinland Japan Genehmigt/Approved 19.06.2008</p> <p style="font-size: 0.8em;">Ref. No.: 201112 005</p> </div>	<div style="text-align: center;"> </div> <p style="text-align: center; margin-top: 10px;"> Mounting block can connect with ML-7000 terminal block. And it can hold the terminal block on the panel using screw and so on. </p>

● 記入の仕方: 変更前(現行)と変更後の対比、違いが明確に理解できる書き方(英語)をお願いします。

NOTICE OF ALTERATIONS/MODIFICATION

(変更通知)

Applicant(申請会社名): SATO PARTS CO., LTD.

Date: 2007/12/18

Signature: *M. Masuda*
(サイン)

Ref.No. _____

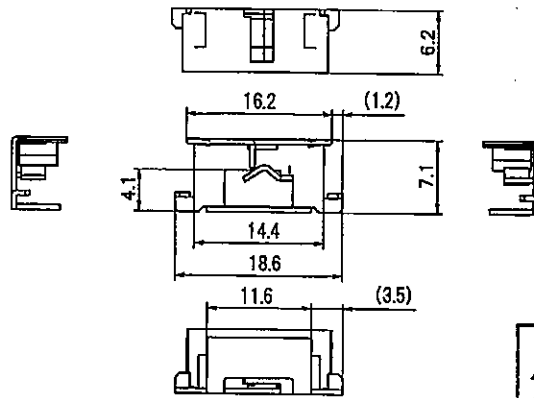
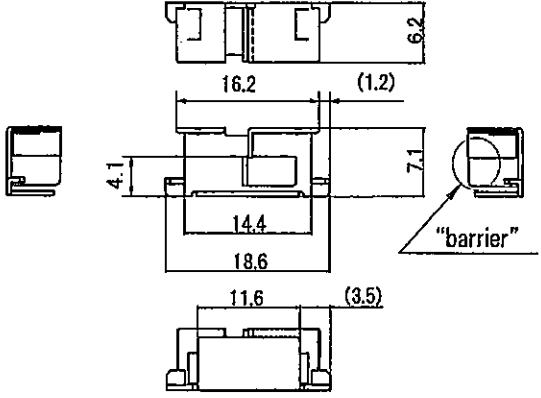
Page: _____

Product(製品名): TERMINALBLOCK

Type designation(型式): ML-7000

Report No.: _____

License No.: J50073172

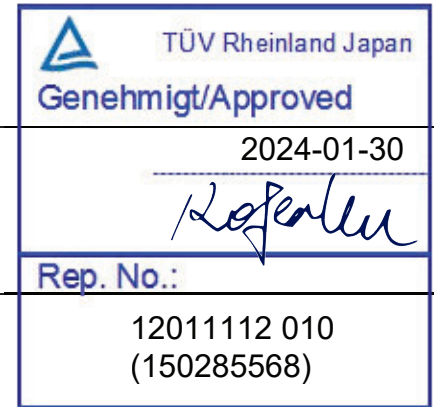
Method (Design/Component) Presently Employed (変更前: 現行)	Alteration/Modification to be Introduced (変更後)
<div style="text-align: center;">  <p style="text-align: center;">Original type wire terminal</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center; font-size: small;">TÜV Rheinland Japan Product Safety Dept Genehmigt/Approved 30.01.2008 <i>M. Masuda</i> Rep. No.: 1201112 007</p> </div> </div>	<div style="text-align: center;">  <p style="text-align: center;">Alternate type wire terminal</p> <p style="text-align: center; font-size: small;">The barrier in the structure of alternate type wire terminal is newly adapted so as to prevent wrong cramping to the cable which has smaller diameter than that of wire insertion hole of ML-7000 series. The barrier works as a stopper to the cable.</p> </div>

● 記入の仕方: 変更前(現行)と変更後の対比、違いが明確に理解できる書き方(英語)をお願いします。

NOTICE OF ALTERATIONS/MODIFICATION (変更通知)

Applicant (申請会社名): Sato Parts Co., Ltd. Date: 2023-12-5
Signature (サイン): Yutaka Kodama Ref. No.: Page: 1 of 3
Product (製品名): Terminal Block Type designation (型式): ML-7000-y-z
Report No.: 12011112 010 License No.: J 50073172

Methods (Design / Component) Presently Employed (変更前 : 現行)		Alteration/Modification to be Introduced (変更後)	
Insulating Materials		Insulating Materials	
Parts Name	Material	Parts Name	Material
Housing A Housing B Housing C	Polyamide, Type 66 Nylon R/C plastic (QMFZ2), File No. E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type 2015SV RTI: 105°C, CTI: 0 (PLC)	Housing A Housing B Housing C	Polyamide, Type 66 Nylon R/C plastic (QMFZ2), File No. E48285, any color, UL94V-0 ASAHI KASEI CORP., Type FR370 RTI: 105°C, CTI: 0 (PLC)
	R/C plastic (QMFZ2), File No. E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type 2015SE RTI: 105°C, CTI: 0 (PLC)		R/C plastic (QMFZ2), File No. E245249, any color, UL94V-0 LANXESS AG, Type A30SFN31 RTI: 125°C, CTI: 0 (PLC)
	R/C plastic (QMFZ2), File No. E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI: 105°C, CTI: 0 (PLC)		
	<u>Alternate:</u> R/C plastic (QMFZ2), File No. E245249, any color, UL94V-0 LANXESS AG, Type A30SFN31 RTI: 125°C, CTI: 0 (PLC)		



● 記入の仕方: 変更前(現行)と変更後の対比、違いが明確に理解できる書き方(英語)をお願いします。
特に1次側の変更か2次側の変更かを明記下さい。

NOTICE OF ALTERATIONS/MODIFICATION

(変更通知)

Applicant (申請会社名):	Sato Parts Co., Ltd.		Date:	2023-12-5
Signature (サイン):	Yutaka Kodama	Ref. No.:	Page:	2 of 3
Product (製品名):	Terminal Block	Type designation (型式):	ML-7000-y-z	
Report No.:		License No.:	J 50073172	

Methods (Design / Component) Presently Employed (変更前 : 現行)		Alteration/Modification to be Introduced (変更後)	
Insulating Materials		Insulating Materials	
Part's Name	Material	Part's Name	Material
Release button A	Polyamide, Type 66 Nylon R/C plastic (QMFZ2), File No. E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type 2015SV, RTI: 105°C, CTI: 0 (PLC) <u>Alternate:</u> R/C plastic (QMFZ2), File No. E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type 2015SE, RTI: 105°C, CTI: 0 (PLC) R/C plastic (QMFZ2), File No. E48285, any color, UL94V-0 ASahi KASEI CHEMICALS CORP., Type FR370, RTI: 105°C, CTI: 0 (PLC) R/C plastic (QMFZ2), File No. E245249, any color, UL94V-0 LANXESS AG, Type DP A30SFN30, RTI: -, CTI: 0 (PLC) PPE, Polyphenylene Oxide (PPHOX) R/C plastic (QMFZ2), File No. E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp., Type AN60 RTI: 105°C, CTI: 3 (PLC) <u>Alternate:</u> R/C plastic (QMFZ2), File No. E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp., Type LN60, RTI: 65°C, CTI: 0 (PLC) Polycarbonate R/C plastic (QMFZ2), File No. E232486, any color, UL94V-0 Sun Delta corporation, Type V7(b)0+, RTI: -, CTI: - R/C plastic (QMFZ2), File No. E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp., Type FPR3500+, RTI: 80°C, CTI: 2 (PLC)	Release button A	Polyamide, Type 66 Nylon R/C plastic (QMFZ2), File No. E48285, any color, UL94V-0 ASahi KASEI CORP., Type FR370, RTI: 105°C, CTI: 0 (PLC) R/C plastic (QMFZ2), File No. E245249, any color, UL94V-0 LANXESS AG, Type DP A30SFN30, RTI: -, CTI: 0 (PLC) Polyphenylene Ether / Polystyrene (PPE / PS) R/C plastic (QMFZ2), File No. E167806 , any color, UL94V-0 GLOBAL POLYACETAL CO., LTD. , Type LN60, RTI: 65°C, CTI: 0 (PLC) Polycarbonate R/C plastic (QMFZ2), File No. E232486, any color, UL94V-0 Sun Delta corporation, Type V7(b)0+, RTI: -, CTI: - R/C plastic (QMFZ2), File No. E41179, any color, UL94V-0 Mitsubishi Engineering-plastics corp., Type FPR3500+, RTI: 80°C, CTI: 2 (PLC)

- 記入の仕方 : 変更前 (現行) と変更後の対比、違いが明確に理解できる書き方 (英語) でお願いします。
特に1次側の変更か2次側の変更かを明記下さい。

NOTICE OF ALTERATIONS/MODIFICATION (変更通知)

Applicant (申請会社名):	Sato Parts Co., Ltd.	Date:	2023-12-5
Signature (サイン):	<i>Yutaka Kodama</i>	Ref. No.:	Page: 3 of 3
Product (製品名):	Terminal Block	Type designation (型式):	ML-7000-y-z
Report No.:		License No.:	J 50073172

Methods (Design / Component) Presently Employed (変更前 : 現行)	Alteration/Modification to be Introduced (変更後)																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Insulating Materials</th> </tr> <tr> <th style="width: 20%;">Part's Name</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td rowspan="4" style="vertical-align: top;">Release button B</td> <td>Polyamide, Type 66 Nylon R/C plastic (QMFZ2), File No. E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type 2015SV RTI: 105°C, CTI: 0 (PLC)</td> </tr> <tr> <td>R/C plastic (QMFZ2), File No. E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type 2015SE RTI: 105°C, CTI: 0 (PLC)</td> </tr> <tr> <td>R/C plastic (QMFZ2), File No. E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI: 105°C, CTI: 0 (PLC)</td> </tr> <tr> <td><u>Alternate:</u> R/C plastic (QMFZ2), File No. E41179, any color, UL94V-0 MITSUBISHI ENGINEERING-PLASTICS CORP., Type LN60+ RTI: 65°C, CTI: 0 (PLC)</td> </tr> </tbody> </table>	Insulating Materials		Part's Name	Material	Release button B	Polyamide, Type 66 Nylon R/C plastic (QMFZ2), File No. E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type 2015SV RTI: 105°C, CTI: 0 (PLC)	R/C plastic (QMFZ2), File No. E48133, any color, UL94V-0 UBE INDUSTRIES LTD., Type 2015SE RTI: 105°C, CTI: 0 (PLC)	R/C plastic (QMFZ2), File No. E48285, any color, UL94V-0 ASAHI KASEI CHEMICALS CORP., Type FR370 RTI: 105°C, CTI: 0 (PLC)	<u>Alternate:</u> R/C plastic (QMFZ2), File No. E41179, any color, UL94V-0 MITSUBISHI ENGINEERING-PLASTICS CORP., Type LN60+ RTI: 65°C, CTI: 0 (PLC)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Insulating Materials</th> </tr> <tr> <th style="width: 20%;">Part's Name</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="vertical-align: top;">Release button B</td> <td>Polyamide, Type 66 Nylon R/C plastic (QMFZ2), File No. E48285, any color, UL94V-0 ASAHI KASEI CORP., Type FR370 RTI: 105°C, CTI: 0 (PLC)</td> </tr> <tr> <td>R/C plastic (QMFZ2), File No. E167806, any color, UL94V-0 GLOBAL POLYACETAL CO., LTD., Type LN60+ RTI: 65°C, CTI: 0 (PLC)</td> </tr> </tbody> </table>	Insulating Materials		Part's Name	Material	Release button B	Polyamide, Type 66 Nylon R/C plastic (QMFZ2), File No. E48285, any color, UL94V-0 ASAHI KASEI CORP., Type FR370 RTI: 105°C, CTI: 0 (PLC)	R/C plastic (QMFZ2), File No. E167806 , any color, UL94V-0 GLOBAL POLYACETAL CO., LTD. , Type LN60+ RTI: 65°C, CTI: 0 (PLC)
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