

INSTRUCTION MANUAL

BOX-CONNECTING CABLES FOR THE INTERLOCK CONNECTOR BOX

MODEL: TSC-C-1

MODEL: TSC-C-3

MODEL: TSC-C-5

MODEL: TSC-C-1-MTW

MODEL: TSC-C-3-MTW

MODEL: TSC-C-5-MTW

MODEL: TSC-C-1L

MODEL: TSC-C-3L

MODEL: TSC-C-5L

MODEL: TSC-C-1L-MTW

MODEL: TSC-C-3L-MTW

MODEL: TSC-C-5L-MTW

4TH Edition August 10, 2005

MADOKA SYSTEM CO., LTD

CONTENTS

1. Outline	3
2. Component Units	3
2-1. Product Component Units	3
3. Specifications • Rating	3
4. Cable Diagrams	4
4-1. TSC-C□	4
4-2. TSC-C-□L	5
4-3. TSC-C□-MTW	6
4-4. TSC-C□L-MTW	7
5. Connection	8
5-1. TSC-C□ / TSC-C□-MTW	8
5-2. TSC-C-□L / TSC-C-□L-MTW	9

1. Outline

The cable is exclusively used for connecting the interlock connector boxes.

The cable is exclusively used for TSC-MF-S and TSC-MF-M.

It can't be used for TSC-MF-L due to the difference of the shape of the connectors.

2. Component Units

2-1. Product Component Units

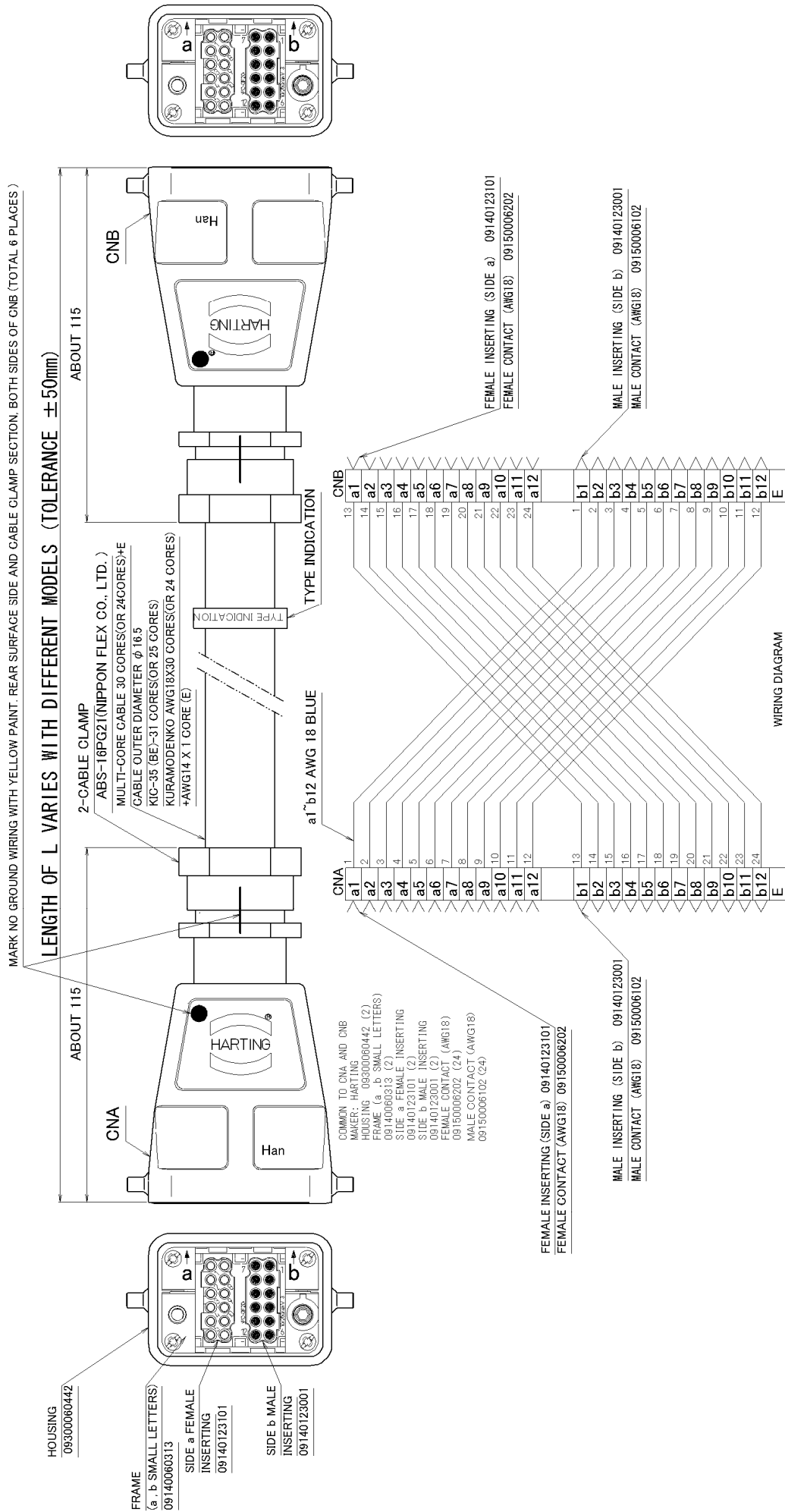
DESCRIPTION	MODEL	DETAIL
box-connecting cable 1m	TSC-C-1	connector hood straight
box-connecting cable 3m	TSC-C-3	connector hood straight
box-connecting cable 5m	TSC-C-5	connector hood straight
box-connecting cable 1m	TSC-C-1-MTW	connector hood straight
box-connecting cable 3m	TSC-C-3-MTW	connector hood straight
box-connecting cable 5m	TSC-C-5-MTW	connector hood straight
box-connecting cable 1m	TSC-C-1L	connector hood L shape
box-connecting cable 3m	TSC-C-3L	connector hood L shape
box-connecting cable 5m	TSC-C-5L	connector hood L shape
box-connecting cable 1m	TSC-C-1L-MTW	connector hood L shape
box-connecting cable 3m	TSC-C-3L-MTW	connector hood L shape
box-connecting cable 5m	TSC-C-5L-MTW	connector hood L shape

3. Specifications · Rating

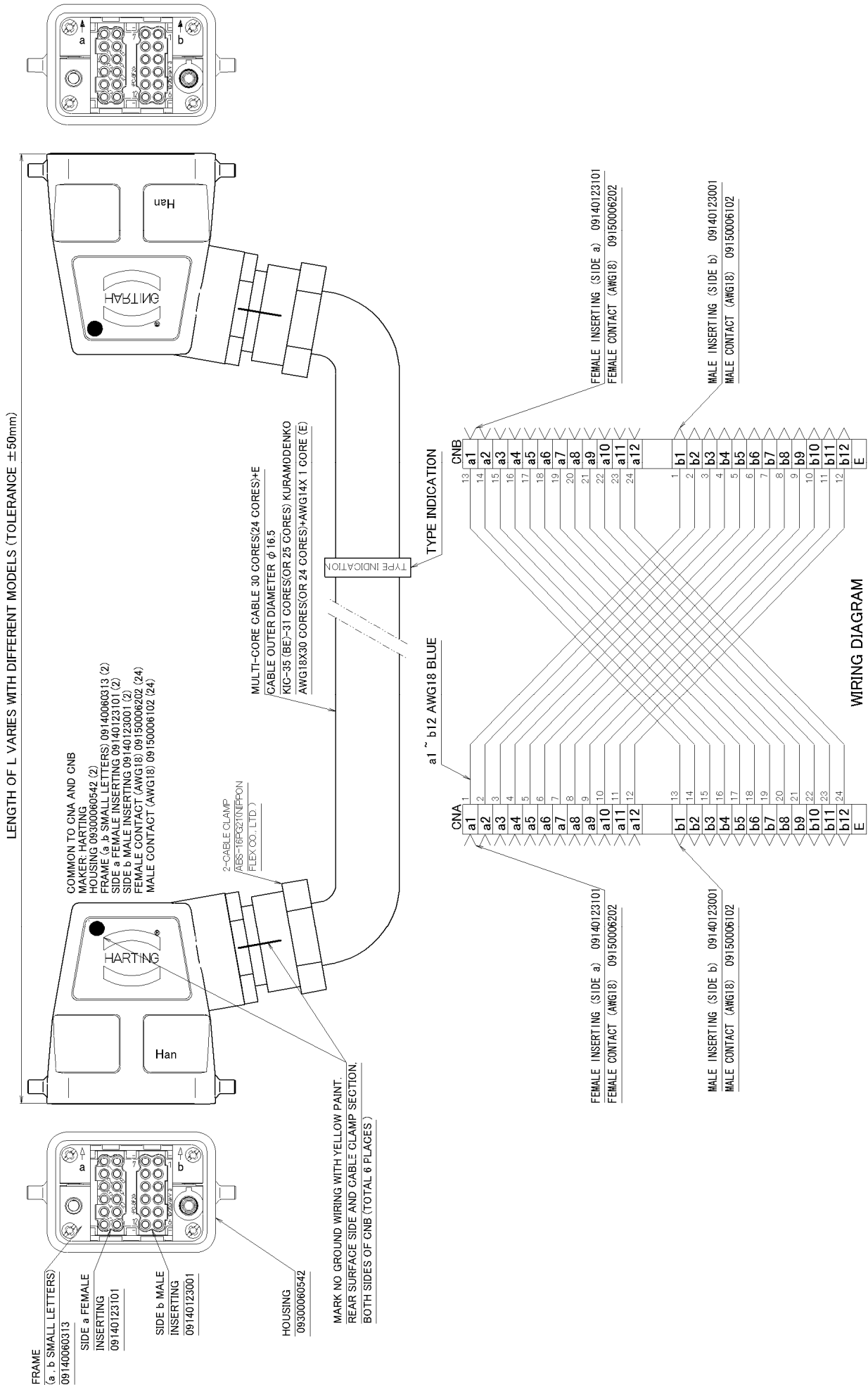
ITEM	SPECIFICATIONS
Vibration Resistance	IEC60068-2-6 Compliant
Impact Resistance	IEC60068-2-27 Compliant
Atmospheric Temperature for Use	0 ~ 50°C
Atmospheric Humidity for Use	25 ~ 85 % RH No Dew Condensation
Atmospheric Temperature for Preservation	-10 ~ 50°C
Environment for Use	No Corrosion Gas
Tolerable Voltage	300V(Multi-core Cable)
	600V(MTW cable-Multi-core Cable)

4. Cable Diagrams

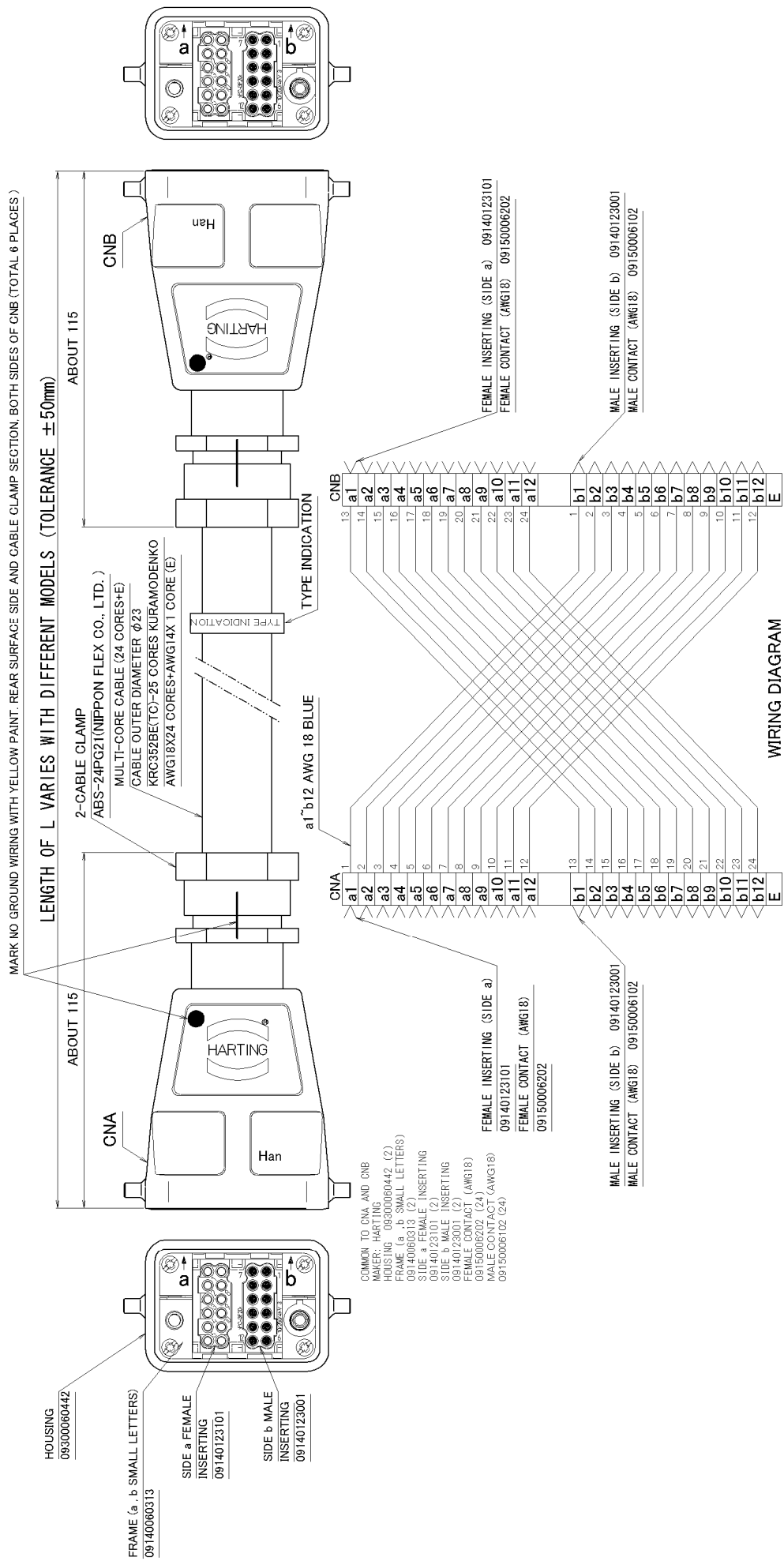
4-1. TSC-C-□



4-2. TSC-C-□L

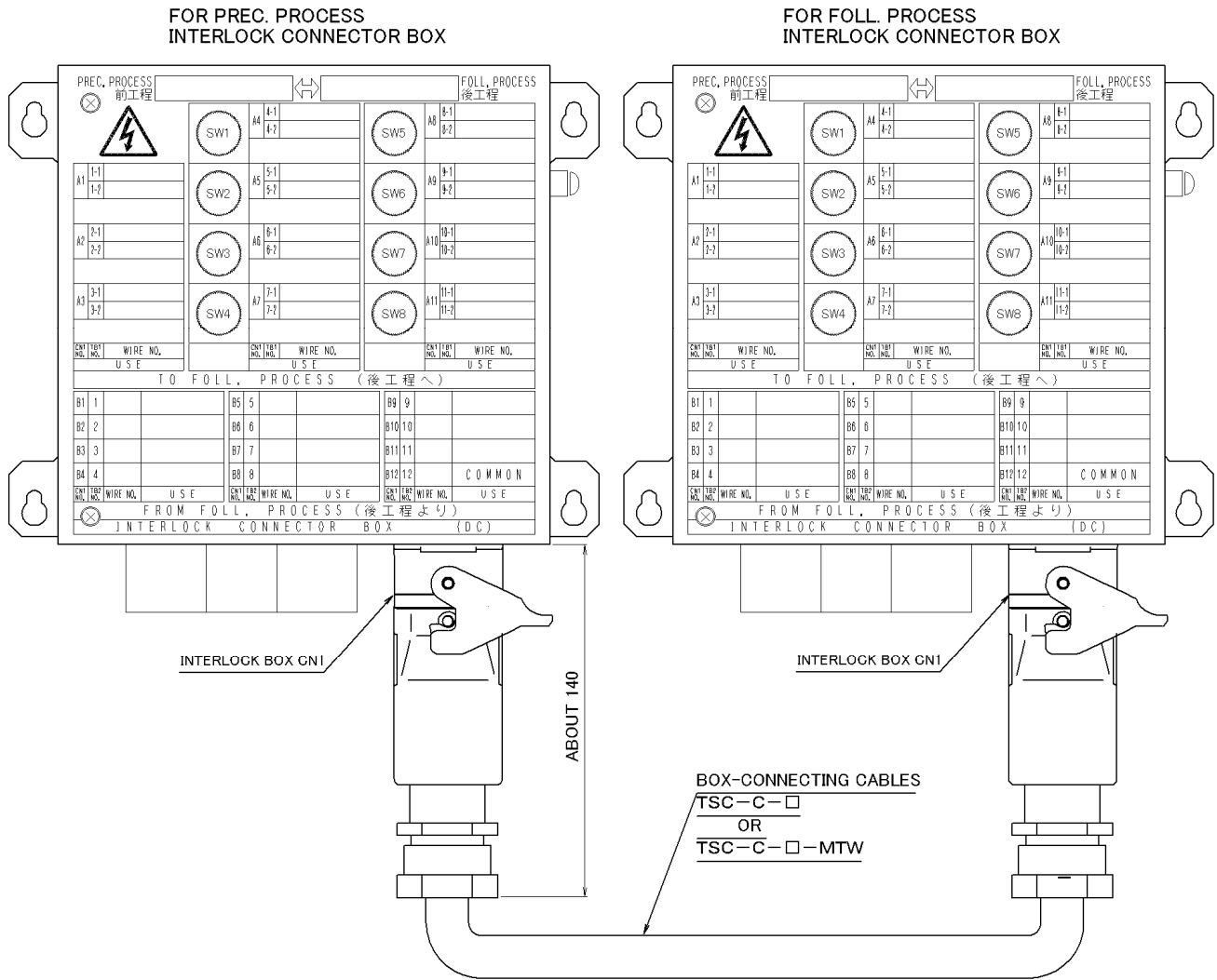


4-3. TSC-C-□-MTW

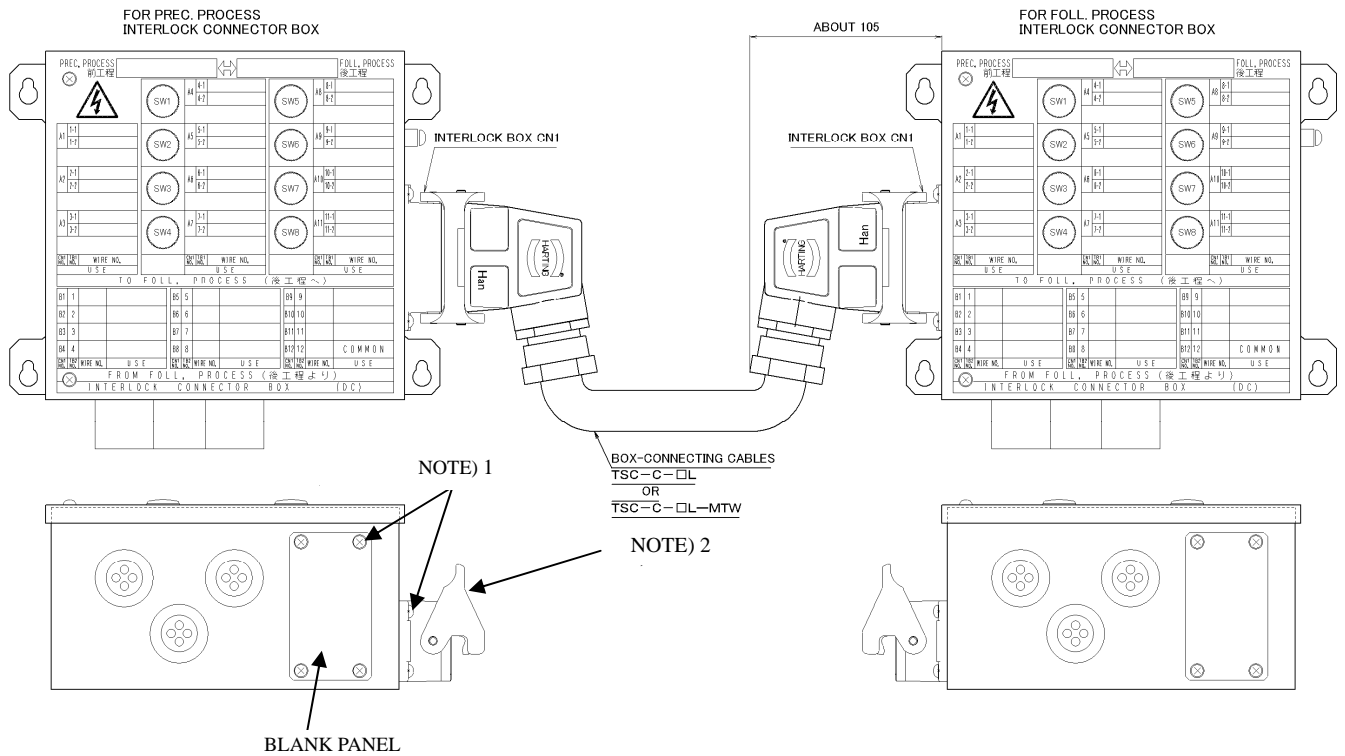


5. Connection

5-1. TSC-C-□ / TSC-C-□-MTW



5-2. TSC-C-□L / TSC-C-□L-MTW

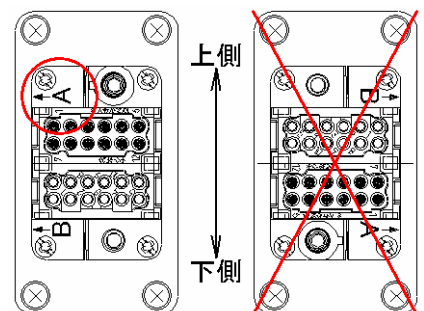


NOTE)1 CN1 is fixed with M4X12mm screws and L.&R. side faces blank panels are fixed with M4X8mm screws.

Be sure to use M4X12mm screws for CN1 installation and M4X8mm screws for blank panels' fixation. (when CN1 is installed on both L.&R side faces)

NOTE)2 When installing CN1 to **R. side face**, change and install the lock lever that is installed to CN1 housing to L. side.

- CN1 connector is installed at the lower side when regular shipment. Please install it yourself when installing it to either L. or R. side face. When a connector is installed on the side face, connector A must be at the upper side.



Instruction Manual Revision Record

Edition	Detail	Date
1 st	First edition	November 29 2003
2 nd	Revision of general specifications, reference standard Addition of TSC-C-□L Addition of the compliant for installing the connection connector to L. & R. side faces Change of the address	February 23 2004 February 23 2004 February 23 2004 February 23 2004
3 rd	Revision of internal wiring Abandoning of ground connection	September 13 2004
4 th	Addition of TSC-C-□-MTW and TSC-C-□L-MTW	August 10, 2005

MADOKA SYSTEM CO., LTD.

208 Creation Core Nagoya
2266-22 Shimoshidami Anagahora
Moriyama Nagoya Aichi 463-0003
Japan

TEL 052-736-7820 FAX 052-736-7821

URL : <http://www.madoka-system.com/>