## Mitsubishi Electric Programmable Controller

 Upgrade ToolConversion Adapter
Model
ERNT-ASLTD62

## Jser's Manual



50CM-D180316-C(2211)

## MITSUBISHI ELECTRIC ENGINEERING COMPANY LIMITED


(Always read these precautions prior to use.)
pay full atention to safefyto to ensure that


ELSEC-L Series: MELSEC-L CPU Module User's Manual(SH-080890ENG)

IWARNING Indicates that incorrect thanding may cause hazardous conditions, $\triangle$ CAUTION $\begin{aligned} & \text { Indicates that incorrect handing may cause hazardous conditions, } \\ & \text { resulting in medium or minor iniury andor property damage. }\end{aligned}$


Precautions before using]
 module under the latter series to confirim differences is in various aspects including pertormanoere,

## [Installation Precautions]

 seunds of the general specefifacaioion, leectric shock, frie, matunction, or damage to or - MELSEC-L Series: MELSECC-L CPU Modul Users Manual (SH-0880890ENG)
eines (1B-0800525E)

- Do not directly touch any conductive parts of Conversion Adapter. Contact will cause
 Eopping of the Conversion Adaper or Mounting Bracket, opssibly causing breakage thereop

- Always check for correct match between MELSEC-L Series or MELSEC ir-R Series and the
Conversion Adaper. 1 Incorrect match can cause damage to the Programmable Contoler
Module
- When instaling the Conversion Adapter, take care not to get your hand snagged on the

[Wiring Precautions]

1. WARNING

result in electric shock or damage to the product

- Ater instalation and wiring, lose the terminal lock cover before turning on the module for

|  |
| :---: |
| Carry out wiring for the Conversion Adapter correctly |


 maltunction. Excossive tightening sill damage the screws or the
turn will cause dropping of parts, short toircuit or maltunction.

- Use care to prevent foriegn materials including cuttings and wiring debris from entering the
Conversion dapete or the Programmable Controler Module. These will be cause for fire,
failur orm matunction.


## Startup and Maintenance Precautions]

$$
\begin{aligned}
& \text { - Do not touch ive terminals. There is a danger of electric shock or malfunction }
\end{aligned}
$$


emc and low voltage directives
Compliance to the EMC Directive, which is one of the EU Directives, has been a legal obigation
forthe products sold in European counties since 1966 as well as the Low Voltage Directive since
19go Manuufacturess who recognize their products are complian to the EMC and Low Voltage Directives
are required to declare that print a "CE mark' on their procuccts.
Authorized representative in Europe
Authorized reperesentative in Euroope is shown below


## 1. Overview

This manual provides information about the Conversion Adapter "ERNT-ASLTD61" available as
Renewal Tools for the Mitsubishi Electric Programmable Controlet The Conversion Adapoter is is a product fort or effecting conversion to transcend difference in pin assignmenn
Teiween the MELSE-AnS
 Betore atempting to make a swith fori-R Series thererinater called io-R Sesiess. instalation, consult the user's manual supplied with the Programmable Controller modulue unde
latter series to learn about how they difife in various aspects including periormance and unction.


## 2. General Specifications

| Item | Specifications |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Operating ambient | 0 oto $05^{\circ} \mathrm{C}$ (Maximum surrounding a ir temperature $55^{\circ} \mathrm{C}$ ) |  |  |  |  |  |
| Stiorae ambient | $-251075^{\circ} \mathrm{C}$ |  |  |  |  |  |
|  | 5 to 95\%RH, non-condensing |  |  |  |  |  |
| 隹 |  |  |  |  |  |  |
| ${ }_{\substack{\text { V }}}^{\text {Vibation }}$ (esistance |  |  | Frequency |  |  | Sweep count |
|  |  | Under | 5108.4 Hz | acceieraion | ${ }^{\text {amanitue }}$ 3.mm | $\begin{aligned} & 10 \text { times each in } \\ & x, Y, Y \text { directions } \end{aligned}$ |
|  |  | nemmiten | 8.410150 Hz | $9.8 \mathrm{~mm} \mathrm{~s}^{2}$ | - |  |
|  |  | Under | 5108.4 Hz | - | 1.75mm | - |
|  |  | continuoun | 8.410150 Hz | $4.9 \mathrm{~ms}{ }^{2}$ | - |  |
| Shock resistance | Compliant with JIS B 3502 and IEC 61131-2 |  |  |  |  |  |
| Operating atmosphere | No corrosive gases |  |  |  |  |  |
| Operatiga altue ${ }^{\text {On }}$ | Inside a control panel |  |  |  |  |  |
| OVenolage atagor ${ }^{\text {P/ }}$ | ${ }^{110 \text { orless }}$ |  |  |  |  |  |






## 3. Product Specifications

For detail specifications which do not appear in the specification comparison charts contained herein, see the user's manual supplied with the $L$ Series or io-R Series module you use. Those parts of the
specificaion that differ between the Ans Series and the LSeries oria-R Series are where a switch from the first series to the second is subjected to specification-related restricions. Check the specificaion of


| Conversion Adapter Model | Before replacement | No. of channels | After replacement |  | Conversion Adapter Weight |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | LSeries Model | iQ-R Series Model |  |
| ERNT-ASLTD62 | $\begin{aligned} & \text { A1SD62 } \\ & \text { A1SD62E } \end{aligned}$ | 2 channel | L062 | RD62P2 <br> RD62P2E | 85 |



## 50CM-D180316-H03




Make sure the $\square$ seciion of the abovere tabele meels the specificaion of the mactines and equipment comnected to the L Series or ori-R Series modul





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M,SN
```


## 4. Preparation before Installation


4.2 How to set the setting pins Set the input volage for each signal using the shor



## 5. Mounting and Installation

5.1 Handling Precautions

1) Beirera atemping it insall 1 ne
(2) Do not toch live terminisls. Therer is a danger of electric shock or maltunction
(3) Do not modify te Conversion Adaperer or take it apart. Doing so will cause fai





| Iem |  |  |
| :---: | :---: | :---: |
| Widith dimension | Because the module is reduced in width dimension $(34.5 \mathrm{~mm} \rightarrow 28.5 \mathrm{~mm})$ and thus in area available for wiring, check dimensional data before installing the module <br> <AnS Series> <br> <L Series> $\Delta$  | Because the module is reduced in width dimension ( $34.5 \mathrm{~mm} \rightarrow 27.8 \mathrm{~mm}$ ) thus in area available for wiring, check dimensional data before installing th module <br> <AnS Series> <br> iQ-R Series> <br> $\Rightarrow$ |
|  | of the Mitsubish Electric LG69 space module is recommended | The wiring may interfere with the adjacent module. Use of the Mitsubishi Electric RG60 blank cover module is recommended <br> <AnS Series> <br> <a.R Series |
| $\begin{aligned} & \text { Depth and Height } \\ & \text { dimension } \end{aligned}$ |  | Because the module is increased in depth dimension, check dimensional |
|  | Installation with the DIN rail  <br>  Because the module is increased in depth and height dimension, check dimensional data before installing the module. |  |
| $\underbrace{}_{\substack{\text { Teminal lock } \\ \text { cover }}}$ | The terminal block cover for AnS Series is bigger than the width of the $L$ cover supplied with the converter adapter | The terminal block cover for AnS Series is bigger than the width of the iQ-R cover supplied with the converter adapter <br> <iQ-R Series> |

5.3 Installation Environment


## 6. Part Names and Installation Method


6.2 Tightening Torque

Tighten the module instalataion sa

7. External Dimensions


Duplication Prohibited
This manual may not be
 MELSEC

# Product Warranty Details 

## please confem the following product waranty detais pior to product use

Gratis Warranty Terms and Gratis Warranty Range
 $\square$ Gratis Warranty Period

- Gratis Warranty Period
elivery to the designatied place
lote that after manuacture and
Note that after manuruacture and shipment from MEE, the maximum distribution period shall be six
(1) months, and the graits warranty period after manufacauturing shall bee limited to eighteen (18)
months Monntistion, the gratis warranty period for repaired products shall not exceed the gratis warranty
In eriod established prior to repair.
pen
- Gratis Warranty Range
 Warranty Period after Discontinuation of Production
(1) MEE shall offer product repair services (fee applied) for seven (7) years after production of the (2) Product has been discontinued. Discontinuation of production shall be eenorotedev viad isistributorots.

Exclusion of Opportunity Loss and Secondary Loss from Warranty



Changes in Product Specifications
without notice.

