

Mitsubishi Electric Corporation **Industrial** Robot

MELFA Technical News

BFP-A6079-0170E

June 2016

Subject: Report of R56TB/R57TB Version 3.4 release

Applicable to: F series, SQ series, SD series
(CR750/ CRnQ-700/ CRnD-700 series robot controller)

Thank you for your continued support of Mitsubishi industrial robot “MELFA”.
This Technical news describes the new version 3.4 of **R56TB/R57TB**.

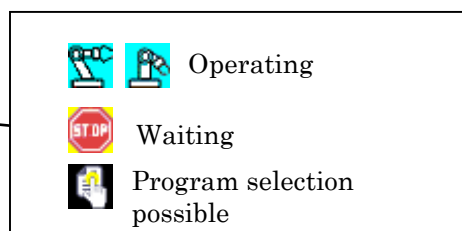
R56TB: CR750-Q/D、CRnQ/D-700対応

R57TB: CR751-Q/D対応

No	Robot model	CR750/700 series Robot Controller	CR500 series Robot Controller
1	Vertical 6-axis robot	Version R3e/S3e or later	not use
2	Vertical 5-axis robot	not use	
3	Horizontal 4-axis robot	Version R3e/S3e or later	

<Additional function>

- Add the icon which indicates an operational state of the robot controller.



- The limit of user definition screen is released in the T/B disabling state.

You can output signals by tapping the button in the T/B disabling state, version 3.4 or later.

● Add the turn off signal function of user definition screen.

This function is valid for alternate button.

Button operating condition

Condition 1
If input signal No. 20 is High, output signal No. 20 is set to high.

Condition 2
Unconditionally done nothing.

Turn off signal
If output signal No. 21 is High, this button is turned off.

OK Cancel

● Add the message function of user definition screen.

Set the message when message is displayed by the state of the I/O signal.

Name Page 2 Edit Line Message Save Close



Message list

Message	Display	OK/Yes	Cancel/No	Icon	Button
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Add Edit Delete OK Cancel



Message editor

Icon: Information

Message: Set message to show here.

Button: OK/Cancel

Displaying condition
If input signal No. 11 is High

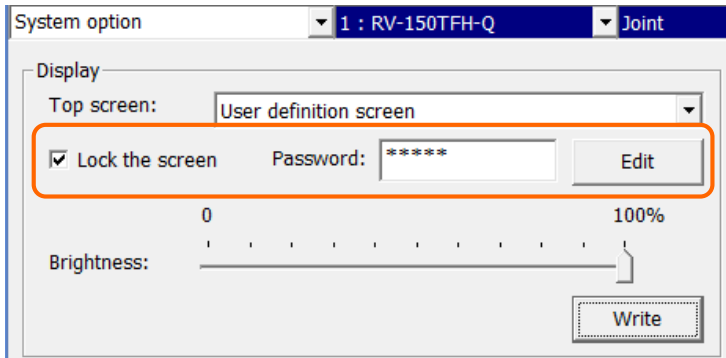
OK / Yes behavior
Output signal No. 12 is set to high.

Cancel / No behavior
Output signal No. 15 is set to low.

OK Cancel

● **Add lock the screen function.**

The screen selecting from [Top screen] is locked by checking [Lock the screen]. Please set password by [Edit] button.



<Bug correction >

When a screen was operated during a controller restart, the defect a screen locks was corrected.