Crane Vertical Motion V2.10 Application Information

Equipment: CFW-11

Firmware Version: V5.19 or higher

WLP Software Version: V9.96 or higher

New Application Version: CRVM_CFW11_en_V2_10.apl

Old Application Version: CRVM_CFW11_en_V2_00.apl

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Functional deviations in the old application version

1) There is not.

Changes in the new application version

1) It has changed the default value of load hoisting torque threshold (P1044) from 0.0% to 50.0%;

2) It has changed the default value of load lowering torque threshold (P1045) from 0.0% to 30.0%;

3) It has changed the default value of time to enable a new command to brake release (P1050) from 0.20s to 0.50s;

4) It has changed the default value of load detection time (P1055) from 0.75s to 0.00s thereby disabling the slake cable detection;

5) It has created a logic that after the auto tuning routine, the value of the proportional gain of the flow regulator (P0178) is changed to 8.0;

6) It has created in the steps of the configuration wizard a selection to enable the lightweight detection, the overweight detection at the load hoisting and the slack cable detection at the load lowering.

> **NOTE!**
> Appendix 1 shows how to import Crane Vertical Motion application to WLP.

Appendix 1 – How to Import Application to WLP

1) In the WLP Ladder Programmer, in "Tools" menu, select the "Import Application to WLP" option;

2) Search "CRVM_CFW11_en_V2_10.apl" archive and press "OK";

3) The Crane Vertical Motion will be imported to WLP;

4) To select the application, in "Tools" menu, "Application" option, "CFW11'', "Create", "Crane", select "Vertical Motion" option.