ENGINEERING
TOMORROW

Danfoss

Operating Guide

# How to add a custom NTC probe

Summary   In MCXDesign version 3.00.5822, it is possible to use a new analogue input brick called "**AI_NTC_TABLE**". It allows you to define the relationship between °C and Ohm.

Description

1. Update MCXDesign to a version equal to or higher than **3.00.5822**.

2. From the "Components" tab of the "Electric wiring", drag and drop the "**AI_NTC_TABLE**" brick, ensuring that you connect it to an analogue input of the MCX that is able to read the NTC sensor:
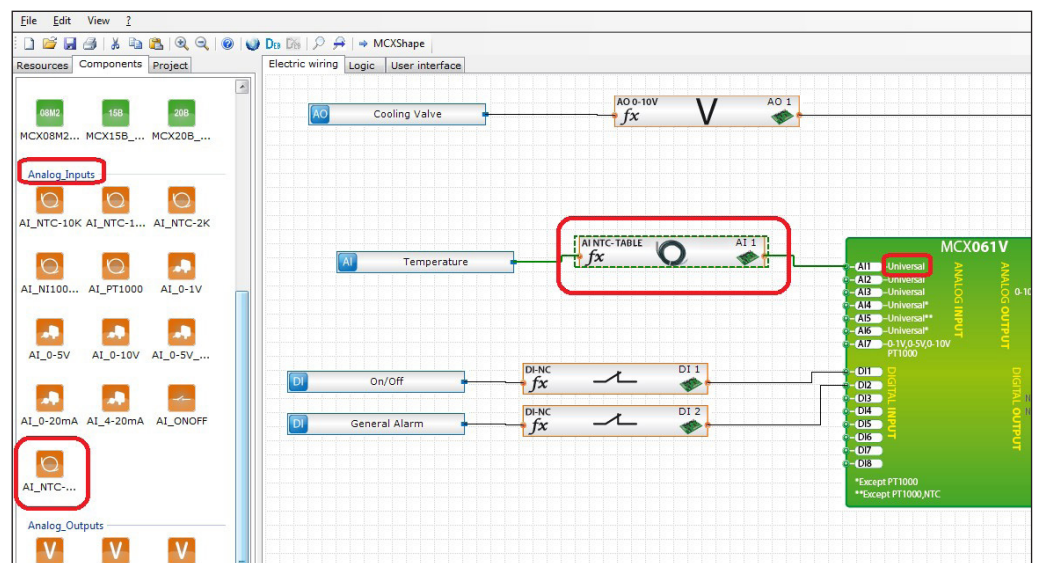
3. In order to build the cross table, edit the "**CustomNTCParameters.c**" file in the "**App/IOUtils**" folder:
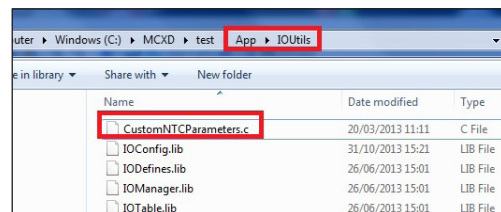
4. In the "**CustomNTCParameters.c**" file, the only part to update is the one related to the correspondence between temperature in °C x 10 (red square) and Ohm (green square):