Technical Support Bulletin No. 29

Eliwell and the Modbus protocol



Controls

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Introduction

Eliwell uses the globally adopted Modbus standard in order to maximise efficency of product integration. It is important to distinguish between Modbus Slave products, capable of sending data on request, and Modbus Master products, capable of requesting data from other devices through the network.

This document details the Modbus capabilities of key Eliwell products and product groups.

Products with Modbus Slave protocol

Family	Part Number	
IC	1. IC11PI0MHD700	IC912LX/H PT100 230V Modbus
	2. IC11CI0MHD700	IC 912LX/H PTC 230V Modbus
	3. IC12DI0MCD700	IC915LX/C Modbus NTC 230V
	4. IC12I00MRN700	IC915LX/I-V R MODB.230V 4/20ma
	5. IC12JI0MHD700	IC915LX/H MODB. J/K PT100 230v
	6. IC12I00MSN500	IC915/P LX 4/20mA 24Vac Modbus
	7. IP12I00MSN500	IC915/P LX 4/20mA 24Vac Modbus
ID	1. ID34DF1MCD300	ID 985LX CK NTC 12V Modbus
	2. ID34DF0MCD300	ID 985LX C NTC 12V Modbus
	3. ID22DI0MCH300	ID 971LX NTC 12V DI Modbus
	4. ID34DR2DCDH00	ID 985 /S/E/CK NTC BUZ Modbus
	5. ID34DF2MCD300	ID 985LX/E CK NTC 12V Modbus
IWP	1. WP36DF1MCD780	IWP760LX RTC MDB 230Vac
	2. WP36DF1MCD700	IWP760LX RTC MDB 230Vac
	3. WP36DF1MCD790	IWP760LX PH RTC MDB 230Vac
	4. WP36DI1MCD780	IWP760 LX MODB.FAN COND.230VAC
IDPlus	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
IWC	1. WC2IDM0XCQ780	IWC 720LX NTC COMM.LINE
	2. WC2IDM0XCQ780	IWC 720LX NTC COMM.LINE
	3. WC23DI0XBD701	IWC 730LX NTC 230Vac
	4. WC23DI0XBD701	IWC 730LX NTC 230Vac
	5. WC25DI0XCD701	IWC 750LX NTC 230Vac
	6. WC25DI0XCD701	IWC 750LX NTC 230Vac
	7. WC2GDL0XCD701	IWC 750LX NTC COMM.LINE
	8. WC2IDM0XCQ701	IWC 720LX NTC COMM.LINE

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V800	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
XVD	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
EWDR	1. DR35DR0DCD700	EWDR 985LX CS NTC BUZ.MDB.230V
EWRC	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
EWHT	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
EWCM 8000-9000	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
ST500	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
SD-SC-SB 600	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
EWCM400	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
EWCM4000	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
FREE Smart	ALL part numbers.	
FREE Evolution	ALL part numbers.	
EW4800	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
EW7200	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
DR4000	ALL part numbers. Device has double protocol selection by parameter (Eliwell/Modbus)	
FanCoil Basicomm	1. FC1ES0000201	FB U32E/S M
	2. FC1ES0000501	FB U32E/S M
	3. FC1WS0000101	FB U32W/S M
	4. FC1WS0000201	FB U32W/S M
	5. FC1WS0000501	FB U32W/S M
EXT	ALL part numbers.	

Products with Modbus Master protocol

Family	Part Number
Televis**System** 3.1 and 4.0	All licences. The use of **Smart**Adapter and/or **Lan**Adapter must be combined with a software driver to integrate the device into Televis.
Televis **Compact**	ALL part numbers. Device is able to work with double protocol at the same time (Eliwell/Modbus). A software driver must be created to integrate the device into Televis.

Products with Modbus Master & Modbus Slave protocol

Family	Part Number
FREE Evolution	ALL part numbers.
XTPro	ALL part numbers.

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