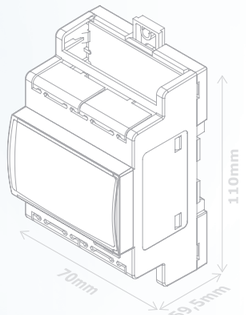
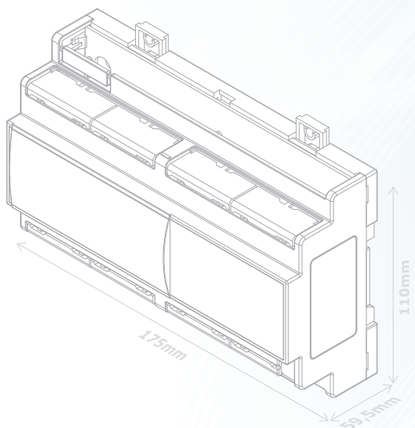
release 1.0 - 1589000760-GB

POLARIS WARM IDEAS





The continuous improvement of Dixell's products can result in some variations in the information included in this catalogue even without notice

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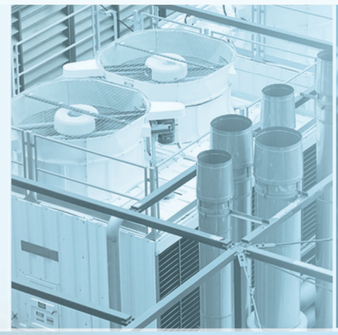
EMERSON Climate Technologies

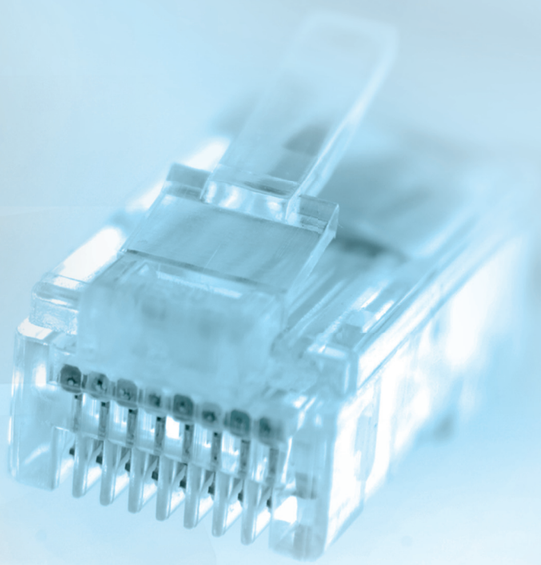
iPro Short Form Guide

iPro.CHILL

iPro.DOMO

iPro.GENIUS





EMERSON Climate Technologies

MAIN FEATURES

- LINUX Operative System
- ISaGRAPH® Software
- 200Mhz CPU
- 32bit Processor
- 32MB RAM Memory
- 20VA Power Absorption
- Housing: Self extinguishing ABS
- DIN Rail Mounting

iPro.CHILL
Programmable Controllers for AIR CONDITIONING APPLICATIONS

iPro.DOMO
Programmable Controllers for RESIDENTIAL APPLICATIONS

iPro.GENIUS
Programmable Controllers for GENERAL PURPOSE APPLICATIONS

	IPS408D	IPC410D	IPC415D	IPD210D	IPD215D	IPS108D	IPG110D	IPG115D	IPS208D	IPG210D	IPG215D
Power Supply	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D	24Vac/dc from TF20D
Display	opt					opt			opt		
Format	4 DIN Rail	10 DIN Rail	10 DIN Rail	10 DIN Rail	10 DIN Rail	4 DIN Rail	10 DIN Rail	10 DIN Rail	4 DIN Rail	10 DIN Rail	10 DIN Rail
Probe Inputs											
0÷1V - 0÷5V - 0÷10V - 0÷20mA - 4÷20mA - NTC - PTC - DI	6 config	10 config	10 config	10 config	10 config	6 config	10 config	10 config	6 config	10 config	10 config
Digital Inputs											
Opto-insulated	11 config	20 config	20 config	20 config	20 config	11 config	20 config	20 config	11 config	20 config	20 config
Relay Outputs											
Configurables	8x5A	9x5A + 1x8A	12x5A + 3x8A	10x5A	15x5A	8x5A	9x5A + 1x8A	12x5A + 3x8A	8x5A	10x5A	15x5A
Other Outputs											
PWM for Fan Speed Modules		2 config	2 config				2 config	2 config			
0÷10V, 4÷20mA for Fan Speed Modules	4 config	2 config	2 config	2 config	2 config	4 config	2 config	2 config	4 config	2 config	2 config
0÷10V for External Relay Drivers		4	4	4	4		4	4		4	4
Remote Keyboard	1xVGIPC	2xVGIPC	2xVGIPC	2xVGIPD	2xVGIPD	1xVGIPG	2xVGIPG	2xVGIPG	1xVGIPG	2xVGIPG	2xVGIPG
RS485	slave	master / slave	master / slave	master / slave	master / slave	slave	master / slave	master / slave	slave	master / slave	master / slave
USB	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres
External Modem		GSM, XWEB modem opt	GSM, XWEB modem opt	GSM, XWEB modem opt	GSM, XWEB modem opt		GSM, XWEB modem opt	GSM, XWEB modem opt		GSM, XWEB modem opt	GSM, XWEB modem opt
LAN	pres					pres			pres		
CANBus		pres	pres	pres	pres		pres	pres		pres	pres
Ethernet Enabled		opt	opt	opt	opt		opt	opt		opt	opt
Connections											
Disconnectable + Screw	pres	pres	pres			pres	pres	pres			
Bayonet + Screw				pres	pres				pres	pres	pres
Other											
Internal Modem		opt	opt	opt	opt		opt	opt		opt	opt
RTC	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres	pres
USB-Ethernet Adapter	opt					opt			opt		
Flash Memory	16MB	128MB	128MB	128MB	128MB	16MB	128MB	128MB	16MB	128MB	128MB

MAIN ACCESSORIES

EXPANSION MODULES

IPEX60D
- Format: 4 DIN Rail
- Probe Inputs: 7 config
- Digital Inputs: 3 config
- Relay Outputs: 6 config
- Other Outputs: 3x0÷10V, CANBus, LAN
- Connections: Disconnectable or Bayonet

IPEX70D
- Format: 10 DIN Rail
- Probe Inputs: 10 config
- Digital Inputs: 20 config
- Relay Outputs: 25 config
- Other Outputs: 6x0÷10V, CANBus, LAN
- Connections: Disconnectable or Bayonet

EEV MODULE

XEV20D
Stepper Electronic Expansion Valve Driver
- Format: 4 DIN Rail
- Probe Inputs: 4 config
- Outputs: CANBus, LAN

GRAPHIC DISPLAY

VGIPC: for iProCHILL
VGIPD: for iProDOMO
VGIPG: for iProGENIUS
Programmable Graphic Display (LCD - 240x96 pixel)
- Format: 82x156mm
- Mounting: Wall or Panel

CONNECTIVITY MODULE

IPL500D
- Format: 4 DIN Rail
- Outputs: RS485 (Master/Slave) VGI, USB, CANBus, LAN
- Optional: Modem (Internal/External), Ethernet, LED Display
- Other: RTC, 128MB Flash Memory

MODEMS

XWEB MODEM
Analogue Serial Modem, 56kbps
- Format: 4 DIN Rail

TC35-KIT
GSM Modem Kit containing: Modem, Cables, Antenna, Power Supply Unit

DEVELOPMENT TOOLS

IPRO-TOOL
Tool that allow the final User to work independently to create Programs for iPro Controllers.
It includes: ISaGRAPH® and Wizmate-Visoprog Software