PHOENIX CONTACT CAN based extension I/O cards

Clemens - 2025-11-18 - expasion cards

easYgen-3000XT controls are supporting 3rd party Phoenix Contact CAN open based digital/analog I/O cards





Phoenix ...				
Bus coupler	**Discrete outputs**	**Discrete inputs**	**Analog outputs**	**Analog inputs**
IL CAN BK	IB IL 24 DO 2	IB IL 24 DI 2	IB IL AO 2/SF (only)	IB IL AI 2/SF (only)
	IB IL 24 DO 8	IB IL 24 DI 4		IB IL TEMP 2 UTH (only)
	IB IL 24 DO 16	IB IL 24 DI 8		IB IL TEMP 2 RTD (only)
	IB IL 24 DO 32 (only)	IB IL 24 DI 16		
	IB IL 24/230 DOR4/W	IB IL 24 DI 32 (only)		

Bus coupler	Discrete outputs	Discrete inputs	Analog outputs	Analog inputs
		IB IL 24 DI 32 (only)		
	ILB CO 24 DI 16 DO 16	ILB CO 24 DI 16 DO 16		

old easYgen-3x00-P2 Package =(only)

There is a maximum of three Phoenix bus couplers on the CAN bus. There is also a maximum of 16AI 4AO 32DI and 32DO, which must not exceeded in all possible combinations.

The (only) refers to old easYgen-3100-P2/3200-P2/3400-P2/3500-P2 supporting additional CANbus based analogous Phoenix IO expansion cards in the easYgen-3x00/P2 versions. The Phoenix digital I/Os are supported as well in all easYgen-3x00 P1 & P2 versions.

As well make sure that the Phoenix I/O card combinations are supported by easYgen-3000XT

See 4.7.4.2.1 Expansion Modules at CANopen Interface easYgen-3200XT manual

Supported external modules

Phoenix ...				
Bus coupler	**Discrete outputs**	**Discrete inputs**	**Analog outputs**	**Analog inputs**
IL CAN BK	IB IL 24 DO 2	IB IL 24 DI 2	IB IL AO 2/SF (only)	IB IL AI 2/SF (only)
	IB IL 24 DO 8	IB IL 24 DI 4		IB IL TEMP 2 UTH (only)
	IB IL 24 DO 16	IB IL 24 DI 8		IB IL TEMP 2 RTD (only)
	IB IL 24 DO 32 (only)	IB IL 24 DI 16		
	IB IL 24/230 DOR4/W	IB IL 24 DI 32 (only)		

CAN Bus Coupler

IL CAN BK bus coupler 2702230

https://www.phoenixcontact.com/search/search?q=2702230&_locale=en-GB&_realm=gb

Discrete Outputs:

IB IL 24 DO 2-PAC - 2861470

https://www.phoenixcontact.com/search/search?q=2861470&_locale=en-GB&_realm=gb

IB IL 24 DO 8-PAC - 2861289

https://www.phoenixcontact.com/search/search?q=2861289&_locale=en-GB&_realm=gb

IB IL 24 DO 16-PAC - 2861292

https://www.phoenixcontact.com/search/search?q=2861292&_locale=en-GB&_realm=gb

IB IL 24 DO 32/HD-PAC - 2862822

https://www.phoenixcontact.com/search/search?q=2862822&_locale=en-GB&_realm=gb

IB IL 24/230 DOR4/W-PAC - 2861878

https://www.phoenixcontact.com/search/search?q=2861878&_locale=en-GB&_realm=gb

Discrete Inputs:

IB IL 24 DI 2-PAC - 2861221

https://www.phoenixcontact.com/search/search?q=2861221&_locale=en-GB&_realm=gb

IB IL 24 DI 4-PAC - 2861234

https://www.phoenixcontact.com/search/search?q=2861234&_locale=en-GB&_realm=gb

IB IL 24 DI 8-PAC - 2861247

https://www.phoenixcontact.com/search/search?q=2861247&_locale=en-GB&_realm=gb

IB IL 24 DI 16-PAC - 2861250

https://www.phoenixcontact.com/search/search?q=2861250&_locale=en-GB&_realm=gb

IB IL 24 DI 32/HD-PAC - 2862835

https://www.phoenixcontact.com/search/search?q=2862835&_locale=en-GB&_realm=gb

Analog Outputs:

IB IL AO 2/SF-PAC - 2863083

https://www.phoenixcontact.com/search/search?q=2863083&_locale=en-GB&_realm=gb

Analog Inputs:

IB IL AI 2/SF-PAC - 2861302

https://www.phoenixcontact.com/search/search?q=2861302&_locale=en-GB&_realm=gb

IB IL TEMP 2 UTH-PAC - 2861386

https://www.phoenixcontact.com/search/search?q=2861386&_locale=en-GB&_realm=gb

IB IL TEMP 2 RTD-PAC - 2861328

https://www.phoenixcontact.com/search/search?q=2861328&_locale=en-GB&_realm=gb