

PXC Series Controller Selection Chart

BACnet IP

BACnet

BACnet IP – Modular

Model	Roof Top	FLN Supervisor**		Integration Drivers	Graphical Interface	Expansion Bus: TX-I/O
		P1 FLN	BACnet MS/TP FLN			
PXC00-E96.A		◆ 96 or ◆ 96		*	***	*PXF-TXIO.A
PXC100-E96.A		◆ 96 or ◆ 96		*	***	◆

BACnet IP – Compact

Model	Roof Top	FLN Supervisor		Integration Drivers	Graphical Interface	Expansion Bus: TX-I/O
		P1 FLN	BACnet MS/TP FLN			
PXC16.2-E.A					***	
PXC24.2-E.A					***	
PXC24.2-ER.A	◆				***	
PXC16.2-EF.A			*LSM-FLN (32)		***	
PXC16.2-EF32.A			◆ 32 or ◆ 32		***	
PXC24.2-EF.A			*LSM-FLN (32)		***	
PXC24.2-EF32.A			◆ 32 or ◆ 32		***	
PXC24.2-ERF.A	◆		*LSM-FLN (32)		***	
PXC36-EF.A			◆ 96 or ◆ 96	*	***	◆
PXC36-E.A			*LSM-FLN36.A (96)	*	***	*LSM-IB36.A

Designo CC

Panel with Virtual AEM

or

RS-485 P2 ALN

P2 TCP/IP – Modular

Model	Roof Top	P1 FLN Support**	Integration Drivers	Virtual AEM	FPGO	Expansion Bus: TX-I/O
PXC00-PE96.A		◆ 96	*	*LSM-VAEM	*LSM-FPGO	*PXF-TXIO.A
PXC100-PE96.A		◆ 96	*	*LSM-VAEM	*LSM-FPGO	◆

P2 TCP/IP – Compact

Model	Roof Top	P1 FLN Support	Integration Drivers	Virtual AEM	FPGO	Expansion Bus: TX-I/O
PXC16.2-PE.A						
PXC24.2-PE.A						
PXC24.2-PER.A	◆					
PXC24.2-PEF.A			*LSM-FLN (32)	*LSM-VAEM		
PXC24.2-PEF32.A			◆ 32	*LSM-VAEM		
PXC24.2-PERF.A	◆		*LSM-FLN (32)	*LSM-VAEM		
PXC36-PE.A			*LSM-FLN36.A (96)	*LSM-VAEM	*LSM-FPGO	*LSM-IB36.A
PXC36-PEF.A			◆ 96	*LSM-VAEM	*LSM-FPGO	◆

◆ These features are included
 * Feature supported with purchase of license (followed by quantity supported if applicable)
 ** Feature requires addition of PXX-485.3 for 2nd FLN
 *** For PXC graphical interface use Designo Optic, Designo CC or Designo Control Point.
 Note: LaunchPad is a tool and available as a free download.
 FPWeb Graphic licenses are no longer available.

ETHERNET TCP/IP

Proprietary

P2 TCP/IP – Modular

Model	Roof Top	P1 FLN Support**	Integration Drivers	Virtual AEM	FPGO	Expansion Bus: TX-I/O
PXC00-PE96.A		◆ 96	*	*LSM-VAEM	*LSM-FPGO	*PXF-TXIO.A
PXC100-PE96.A		◆ 96	*	*LSM-VAEM	*LSM-FPGO	◆

P2 TCP/IP – Compact

Model	Roof Top	P1 FLN Support	Integration Drivers	Virtual AEM	FPGO	Expansion Bus: TX-I/O
PXC16.2-PE.A						
PXC24.2-PE.A						
PXC24.2-PER.A	◆					
PXC24.2-PEF.A			*LSM-FLN (32)	*LSM-VAEM		
PXC24.2-PEF32.A			◆ 32	*LSM-VAEM		
PXC24.2-PERF.A	◆		*LSM-FLN (32)	*LSM-VAEM		
PXC36-PE.A			*LSM-FLN36.A (96)	*LSM-VAEM	*LSM-FPGO	*LSM-IB36.A
PXC36-PEF.A			◆ 96	*LSM-VAEM	*LSM-FPGO	◆

RS-485 P1 FLN

Model	Roof Top
PXC16.2-P.A	
PXC24.2-P.A	
PXC24.2-PR.A	◆

◆ These features are included
 * Feature supported with purchase of license (followed by quantity supported if applicable)
 ** Feature requires addition of PXX-485.3 for additional P1 trunks

BACnet or Proprietary ALN (Ethernet or RS-485)

TX-I/O Architecture

PXC – Modular

Max 64 Modules / 500 Points

TX-I/O Power Supply

TX-I/O Modules

MS/TP FLN

TX-I/O Modules

Max 8 Modules / 80 Points

PXC – Compact 36

Max 4 Modules

Island Bus

TX-I/O Power Supply

TX-I/O Modules

MS/TP FLN

TX-I/O Modules

Max 8 Modules / 80 Points

Accessories

PXC Modular Series Accessories	
PXX-485.3	Expansion Module – adds up to three RS-485 connections – add for P1 or MS/TP FLN
License Options for PXC Series Controllers	
LSM-FLN	FLN support (32 devices) for Compact 16 and 24 series panels
LSM-FLN36.A	FLN support (96 devices) for Compact 36 series panels
LSM-VAEM	Virtual AEM for Compact and Modular series (requires P2 ALN on RS-485)
LSM-IB36.A	TX-I/O for Compact 36 models only
LSM-36.A	Both TX-I/O and FLN support 96 devices on specific Compact 36 models
LSM-FPGO	Field Panel GO on PXC Compact 36 and Modular panels – proprietary only TX-I/O on PXC Modular
PXF-TXIO.A	only TX-I/O on PXC Modular
LSM-INT-MDBS	Modbus Driver License (250,500,1000 also available)
LSM-INT-BMSTP	BACnet Driver (LSM-INT-BMSTP)
LSM-INT-JCIN2M	Johnson Controls N2 Driver (LSM-INT-JCIN2M)
LSM-SNMP	Enables SNMP Agent on PXC Modular
LSM-EMP	Enables Energy Meter Proxy on PXC Compact 16
LSM-INT-xxxxx	LSM-INT-BC8000; LSM-INT-SBTXLS; LSM-INT-ABDF1; LSM-INT-ABEIP; LSM-INT-BLRIDGE; LSM-INT-AAMPUP; LSM-INT-ANDVRINET; LSM-INT-TRANE; LSM-INT-YORKISN; LSM-INT-MCQTECH1; LSM-INT-EST3; LSM-INT-CARRCCN; LSM-INT-STFASMT
LSM-ADAPT	License to enable the Adapt feature
HMI Options for PXC Compact Series Controllers	
PXA8-M	8-switch HOA
PXA16-M	16-switch HOA
PXA16-MR	16-switch HOA, Rooftop applications
PXA-HMI.CABLEP5	Accessory HOA/HMI cable for PXC 16 or 24 (5 pack)
PXM10S	Local User Interface – Controller Mounted (BACnet, P2 TBD)
Enclosures and Service Boxes	
PXA-ENC18	UL 508A, NEMA 1, pull box style. 18Hx14Wx6D
PXA-ENC19	UL 864, NEMA 1, hinged door w/lock 19Hx22Wx5.75D
PXA-ENC34	UL 864, NEMA 1, hinged door w/lock 34Hx22Wx5.75D
PXA-DIN16KIT	Accessory kit with (4) 16" DIN rails
PXA-TIEBAR	Accessory kit with (4) 4.5" and (4) 9.5" tie bars
PXA-SB115V192VA	UL864, 115V, 50/60Hz, 24Vac sized for 192VA output, duplex service outlet
PXA-SB115V384VA	UL864, 115V, 50/60Hz, 24Vac sized for 384VA output, duplex service outlet
PXA-SB230V192VA	UL864, 115V, 50/60Hz, 24Vac sized for 192VA output, duplex service outlet
PXA-SB230V384VA	UL864, 115V, 50/60Hz, 24Vac sized for 384VA output, duplex service outlet
PXA-HMI.RMKIT	PXM10T/S & HOA Remote Door Mount Kit
S55661-J107	TXA1.LH2 Label Holder
TX-I/O Modules and Accessories	
TXB1.P1	P1 Bus Interface Module (BIM) – 10 modules
TXB1.P1-4	P1 Bus Interface Module (BIM) – 4 modules
TXA1.IBE	TX-I/O Bus Expansion Module
TXS1.12F4	TX-I/O Power Supply – 4A
TXS1.EF4	TX-I/O Bus Connection Module
TXM1.8D	Digital Input Module – 8DI
TXM1.16D	Digital Input Module – 16DI
TXM1.6R	Digital Output Module – 6DO
TXM1.6R-M	Digital Output Module – 6DO with manual override switches
TXM1.8U	Universal Input/Output Module – 8 points
TXM1.8U-ML	Universal Input/Output Module – 8 points, local override Super
TXM1.8X	Universal Input/Output Module – 8 points
TXM1.8X-ML	Super Universal Input/Output Module – 8 points, local override
TXA1.K12	Two sets of Address Keys 1-12 (other address keys are available)

For more information: <https://extranet.w3.siemens.com/buildingtechnologies/partner/CPSUSEN/AutomationProducts/Pages/Home.aspx>

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