

## PANEL OPTIONS

### FX NET Panel Options

The panel option boards are sold separately to be used in the FX NET fire detection control panels: FX NET, FXL NET, FXM NET and FXS.

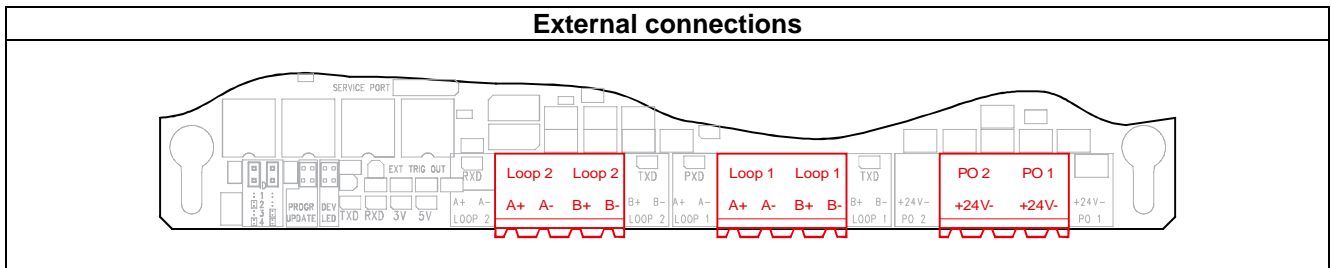
**Note!** The system application information is available in the FX NET system planning instructions, FX NET panel data sheet, FMPX, DAPX, REPX, MCOX, and ZLPX data sheets.

Type	Description	Main functions / external connections	Product code
FX-SLC	Loop controller	2 addressable loops for AP200 series products. 159 (detectors) + 159 (modules) addresses/loop. 2x24Vdc 500mA monitored output. Max. 60 $\Omega$ loop cable resistance.	FFS00702511
FX-ALCA	Loop controller	1 addressable loop for Intellia products. 126 addresses/loop. 1x24Vdc 500mA monitored output. Max. 60 $\Omega$ loop cable resistance.	FFS00702515
FX-ALCB	Loop controller	2 addressable loops for Intellia products. 126 addresses/loop. 2x24Vdc 500mA monitored output. Max. 60 $\Omega$ loop cable resistance.	FFS00702517
FX-CLC	Loop controller	16 conventional loops.	FFS00702512
FX-LC	Loop controller	2 addressable loops for 200 series products. 99 (detectors) + 99 (modules) addresses/loop. 2x24Vdc 500mA monitored output. Max. 40 $\Omega$ loop cable resistance.	FFS00702510
FX-IOC	Input output controller	4 clean contact inputs. 2 clean contact outputs. 4 alarm device line outputs. 2x24Vdc 500mA monitored output.	FFS00702530
FX-OCA	Output controller	16 clean contact outputs.	FFS00702531
REPX-OB	Protocol repeater	Duplication of the INFO communication line. Input port: RS485 or RS232. Output port: RS485. External port: RS485 or RS232.	FFS00703833
MCOX-OB	Control unit	Logic controls. Input port: RS485 or RS232. Output port: RS485. External port: RS485 or RS232.	FFS00703835

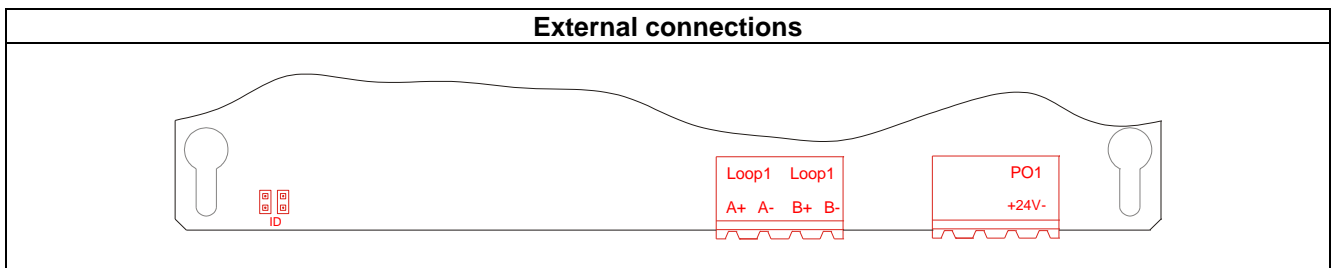
Type	Description	Main functions / external connections	Product code
FX-SAA	Serial communication adapter	One RS485 galvanically isolated serial communication port.	FFS00702520
FX-SAB	Serial communication adapter	Two RS485 galvanically isolated serial communication ports.	FFS00702521
FX-SAC	Serial communication adapter	Two RS485 galvanically isolated serial communication ports. Includes also an assistant processor for network communication and control of the zone display unit (FX-LB32).	FFS00702522
FX-LB32	Panel display unit	32 panel LED indications. To be used together with the FX-SAC.	FFS00702541
FX-LB80	Zone display unit	80 zone LED indications. UK version.	FFS00702542


Technical data

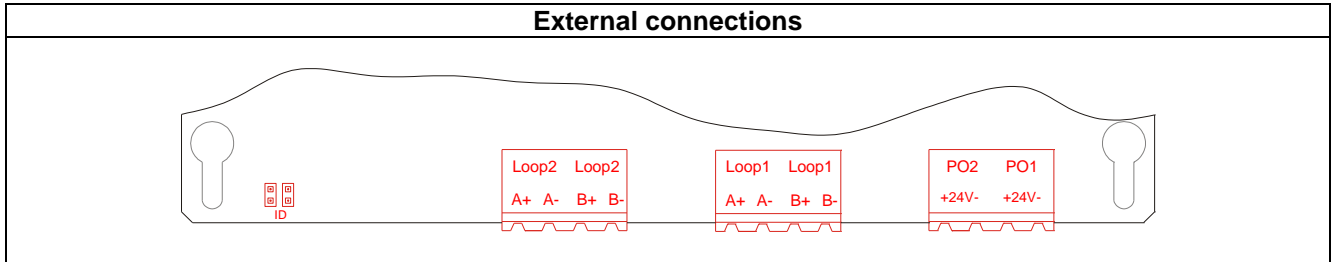
FX-SLC and FX-LC Loop Controller	
Dimensions	160x135x20 mm
Weight	169 g
Current consumption	56 mA
Panel connection	Bus board




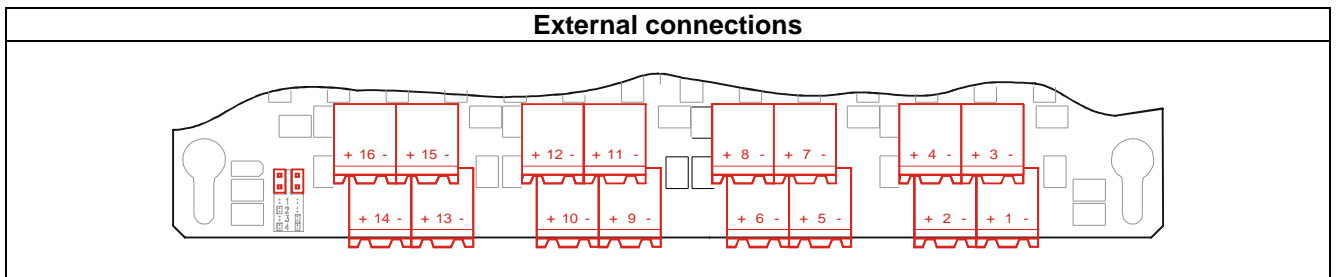
FX-ALCA Loop Controller	
Dimensions	160x135x18 mm
Weight	164 g
Current consumption	54 mA
Panel connection	Bus board




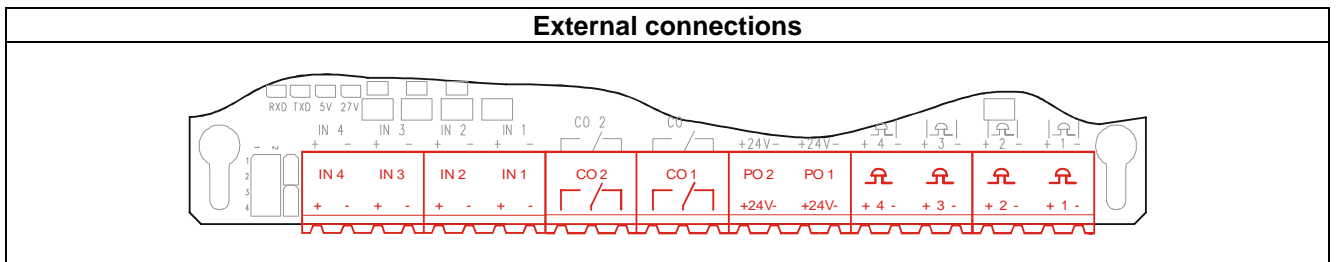
<b>FX-ALCB Loop Controller</b>		
Dimensions	160x135x18 mm	
Weight	179 g	
Current consumption	78 mA	
Panel connection	Bus board	




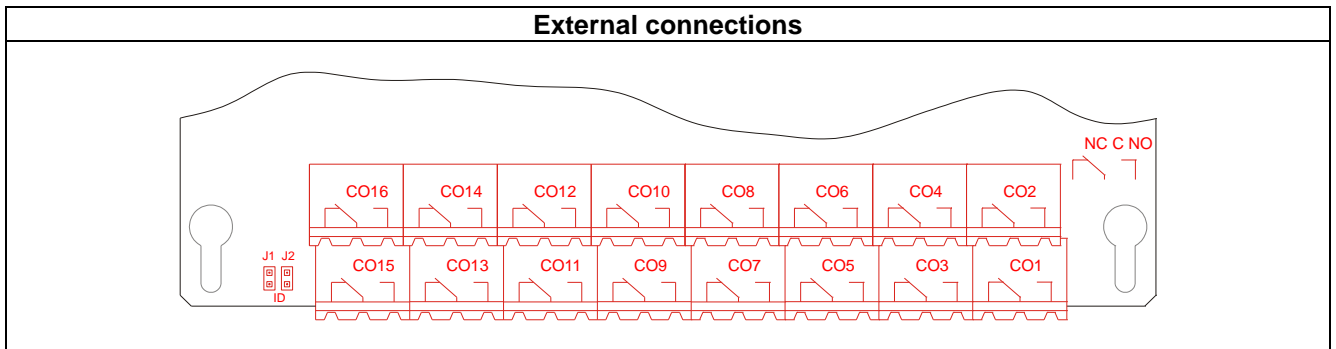
<b>FX-CLC Loop Controller</b>		
Dimensions	160x135x33 mm	
Weight	215 g	
Current consumption	20 mA + 5,6 mA/line: 4k7 EOL 8,1 mA/line: 2k94 EOL 15,6 mA/line: normally closed input	
Panel connection	Bus board	




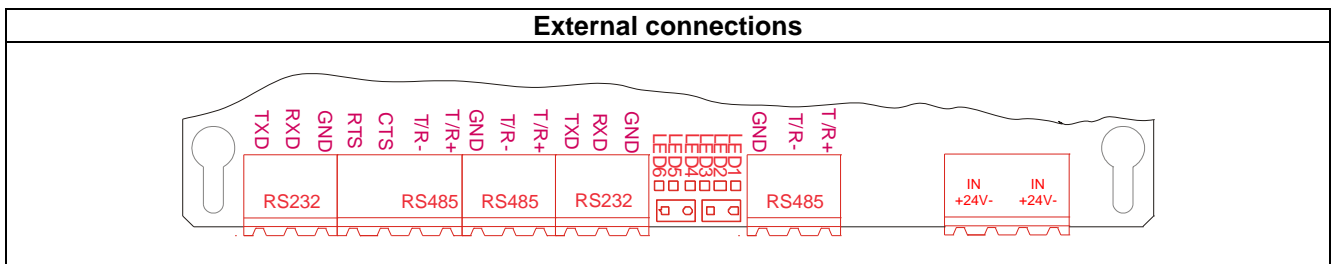
<b>FX-IOC Input Output Controller</b>		
Dimensions	160x135x18 mm	
Weight	174 g	
Current consumption	20 mA	
Panel connection	Bus board	




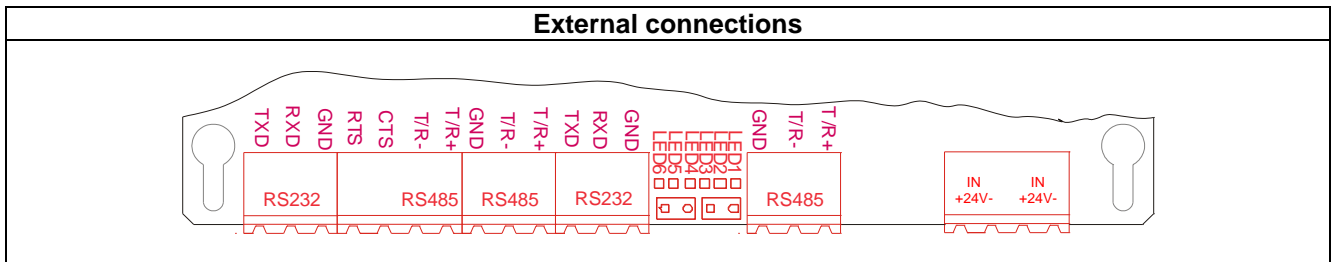
<b>FX-OCA Output Controller</b>		
Dimensions	160x135x33 mm	
Weight	232 g	
Current consumption	3 mA	
Panel connection	Bus board	





<b>REPX-OB Protocol Repeater</b>		
Dimensions	160x135x18 mm	
Weight	158 g	
Current consumption	40 mA	
Panel connection	Bus board	




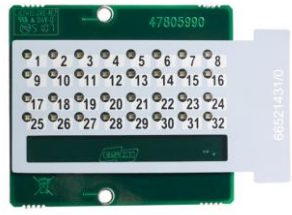

<b>MCOX-OB Logic Control Unit</b>		
Dimensions	160x135x18 mm	
Weight	158 g	
Current consumption	40 mA	
Panel connection	Bus board	

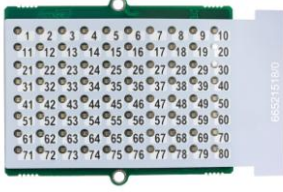



<b>FX-SAA Serial Communication Adapter</b>		
Dimensions	102x47x16 mm	
Weight	52 g	
Current consumption	18 mA	
Panel connection	MC board	

<b>FX-SAB Serial Communication Adapter</b>		
Dimensions	102x47x16 mm	
Weight	55 g	
Current consumption	36 mA	
Panel connection	MC board	

<b>FX-SAC Serial Communication Adapter</b>		
Dimensions	102x47x16 mm	
Weight	59 g	
Current consumption	36 mA	
Panel connection	MC board	

<b>FX-LB32 Panel Display Unit</b>			
Dimensions	58x52x6 mm		
Weight	15 g		
Current consumption	1 mA		
Panel connection	UI board		

<b>FX-LB80 Zone Display Unit</b>			
Dimensions	70x58x6 mm		
Weight	22 g		
Current consumption	1 mA		
Panel connection	UI board		

Schneider Electric reserves the right to modifications.