



Unpowered Extension Units

The FX2N Series 8 – 16 integrated I/O extension blocks are selectable with relay, transistor or triac outputs.

Model Number	FX2N-8ER-ES/UL	FX2N-8EX-ES/UL	FX2N-8EX-UA1/UL	FX2N-8EYR-ES/UL	FX2N-8EYT	FX2N-8EYT-ESS/UL	
Stocked Item	S	S	S	S	S	S	
Rating	UL • cUL • CE	UL • cUL • CE	UL • cUL	UL • cUL • CE	—	UL • cUL	
Applicable PLCs	FX3U / FX3UC / FX3G / FX1N						
Integrated Inputs / Outputs	8	8	8	8	8	8	
Power Supply	All modular extension units are powered by the base unit						
Integrated Inputs	4 (24 VDC)	8 (24 VDC)	8 (24 VDC)	—	—	—	
Integrated Outputs	4	—	—	8	8	8	
Output Type	Relay	—	—	Relay	Sink Trans.	Source Trans.	
ON Voltage (Max.)	Relay version: < 240 VAC, < 30 VDC; Transistor version: 5 – 30 VDC						
Max. Output Current	Per Output (A)	2	—	—	2	0.5	0.5
	Per 4 Outputs (A)	8	—	—	8	0.8	0.8
5VDC Current Consumption (mA)	25	25	25	30	30	30	
Weight (kg)	0.2	0.2	0.2	0.2	0.2	0.2	
Dimensions (W x H x D) mm	43 x 90 x 87	43 x 90 x 87	43 x 90 x 87	43 x 90 x 87	43 x 90 x 87	43 x 90 x 87	

Model Number	FX2N-16EX-ES/UL	FX2N-16EYR-ES/UL	FX2N-16EYS	FX2N-16EYT	FX2N-16EYT-ESS/UL	
Stocked Item	S	S	S	S	S	
Rating	UL • cUL • CE	UL • cUL • CE	UL • cUL	—	UL • cUL	
Applicable PLCs	FX3U / FX3UC / FX3G / FX1N					
Integrated Inputs / Outputs	16	16	16	16	16	
Power Supply	All modular extension units are powered by the base unit					
Integrated Inputs	16 (24 VDC)	—	—	—	—	
Integrated Outputs	—	16	16	16	16	
Output Type	—	Relay	Triac (SSR)	Sink Transistor	Source Trans.	
ON Voltage (Max.)	Relay version: < 240 VAC, < 30 VDC; Transistor version: 5 – 30 VDC; Triac version: 85 – 242 VAC					
Max. Output Current	Per Output (A)	—	2	0.3	0.5	0.5
	Per 4 Outputs (A)	—	8	0.8	0.8	1.6
5VDC Current Consumption (mA)	45	40	160	180	180	
Weight (kg)	0.3	0.3	0.3	0.3	0.3	
Dimensions (W x H x D) mm	40 x 90 x 87	40 x 90 x 87	40 x 90 x 87	40 x 90 x 87	40 x 90 x 87	

FX2NC Unpowered Extension Units

The FX2NC Series extension blocks are available with 16 or 32 integrated I/O with selectable relay or transistor 16-output models.

Model Number	FX2NC-16EX-DS	FX2NC-16EX-T-DS	FX2NC-16EYR-T-DS	FX2NC-16EYT-D/UL	FX2NC-16EYT-DSS	FX2NC-32EX-DS	FX2NC-32EYT-D/UL
Stocked Item	S	S	S	S	S	—	—
Rating	UL • cUL • CE	UL • cUL • CE	UL • cUL • CE	UL • cUL	UL • cUL • CE	UL • cUL • CE	UL • cUL
Applicable PLCs	FX3UC						
Integrated Inputs / Outputs	16	16	16	16	16	32	32
Power Supply	All modular extension units are powered by the base unit						
Integrated Inputs	16	16	—	—	—	32 (24 VDC)	—
Integrated Outputs	—	—	16	16	16	—	32
Output Type	—	—	Relay	Sink Trans.	Source Trans..	—	Sink Trans.
ON Voltage (Max.)	Relay version: < 240 VAC, < 30 VDC; Transistor version: 5 – 30 VDC						
Max. Output Current	Per Output (A)	—	—	2	0.1	0.1	0.1
	Per 4 Outputs (A)	—	—	4	0.8	0.8	0.8
5VDC Current Consumption (mA)	30	30	50	30	50	60	100
Weight (kg)	0.15	0.15	0.15	0.15	0.15	0.2	0.2
Dimensions (W x H x D) mm	14.6 x 90 x 87	20.2 x 90 x 89	24.2 x 90 x 89	14.6 x 90 x 87	14.6 x 90 x 87	26.2 x 90 x 87	26.2 x 90 x 87