



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 |