



Jazz™ Micro-OPLC™

Much More than a "Smart Relay"

Article number	JZ10-11-R10	JZ10-11-T10	JZ10-11-R16	JZ10-11-T17	JZ10-11-R31 ¹	JZ10-11-T40 ¹
	6 Digital Inputs 4 Relay Outputs	6 Digital Inputs 4 Transistor Outputs	6 Digital Inputs 2 Digital/Analog Inputs 2 Analog Inputs 6 Relay Outputs	6 Digital Inputs 2 Digital/Analog Inputs 2 Analog Inputs 7 Transistor Outputs	16 Digital Inputs 2 Digital/Analog Inputs 2 Analog Inputs 11 Relay Outputs	16 Digital Inputs 2 Digital/Analog Inputs 2 Analog Inputs 20 Transistor Outputs
I/Os						
Digital inputs	6 pnp/npn (source/sink) 24VDC	6 pnp/npn (source/sink) 24VDC	8 ² pnp/npn (source/sink) 24VDC	8 ² pnp/npn (source/sink) 24VDC	18 ² pnp/npn (source/sink) 24VDC	18 ² pnp/npn (source/sink) 24VDC
High-speed counter	2 inputs can function as either high-speed counters (5 kHz, 16 bit resolution), or as normal digital inputs					
Analog inputs	None	None	Two ² 10 bit inputs: 0-10V and Two 10 bit inputs: 0-20mA, 4-20mA	Two ² 10 bit inputs: 0-10V and Two 10 bit inputs: 0-20mA, 4-20mA	Two ² 10 bit inputs: 0-10V and Two 10 bit inputs: 0-20mA, 4-20mA	Two ² 10 bit inputs: 0-10V and Two 10 bit inputs: 0-20mA, 4-20mA
Digital outputs	4 relay outputs	4 pnp (source)	6 Relay outputs	7 pnp (source)	11 Relay outputs	20 pnp (source)
Program						
Ladder code memory	24K (virtual)					
Bit/Coils	256					
Integers/Registers (16 Bit)	256					
Timers	64					
Operator panel						
Display size & Type	2 lines x 16 characters, STN LCD, LED backlight					
HMI displays	60 user-designed displays available					
Variables	64 HMI variables are available to conditionally display text and data. List variables add up to 1.5K's worth of HMI capacity					
Keypad	16 sealed membrane keys, including 15 programmable keys (10 of which are user-labeled)					
Communication						
Via an Add-on port Module (JZ-PRG or JZ-RS4) ³						
Serial communications	RS232/RS485, RS232/Programming Add-on port (optional, see Accessories)					
GSM support	SMS messages to/from many cell phone numbers, up to 1K of user-designed messages. Remote access-enabled					
MODBUS	Supports MODBUS protocol, Master-Slave					
General						
Power supply	24 VDC					
Clock (RTC)	Real-time clock functions (date and time)					
Battery back-up	10 years typical at 25°C, battery back-up for RTC and system data, including variable data					
Environment	NEMA4X/IP65 (from panel, when mounted)					

¹ JZ10-11-R31, JZ10-11-T40 are not yet UL certified.

² These models comprise a total of 10/20 inputs (model-dependent). 6/16 (model-dependent) of these may be wired, in a group, as either digital npn or pnp. 2 inputs have added functionality. Both may be wired in a group as npn, pnp, or analog (voltage) inputs. Note that it is also possible to individually wire 1 input as a pnp input, and the other as an analog input. The 2 remaining inputs are analog (current).

³ In order to download applications and enable communications, install Jazz™ with the appropriate Add-on Module.

Add-on Modules and Accessories

Description	Article number
Programming kit¹: Software CD Isolated Programming Add-on port, cable and adapter	JZ-PRG
Com Port kit: Isolated RS232/RS485 Add-On port ² , cable and adapter	JZ-RS4
Program Cloner Add-on Module	MJ20-MEM1
Keypad Slide Kit	MJ20-JZ-SL1

¹ The module included in the JZ-PRG programming kit may be used to communicate with external devices, if the device provides active RS232 voltage signals for purposes of power supply (devices such as PCs and most modems).

² Isolated RS232/RS485 Add-on port is not yet UL certified.

