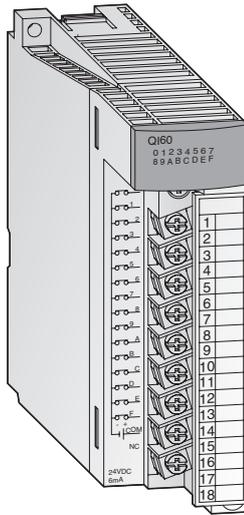


Interrupt Module and High-Speed Inputs



Branching to subroutines

The interrupt module QI60 is suitable for applications demanding quick responses.

Special features:

- Every input in this module is assigned to a pointer which serves as a branch mark for a subroutine.
- If an interrupt/alarm signal is applied at an input, the PLC program is interrupted after it has worked through the current statement and a subroutine assigned to the input is first processed.
- Galvanic isolation between process and controller by means of a photocoupler is a standard feature
- Only one QI60 can be installed per PLC system

High-speed input modules

- Fast response times, 5 μ s–1 ms adjustable
- Input voltage 24 V and 5 V
- Can be configured as interrupt or input modul

Specifications	QI60	QX40H	QX70H	QX80H	QX90H	
Input points	16	16	16	16	16	
Rated input voltage	V DC 24 (sink type)	24	5	24	5	
Operating voltage range	V DC 20.4–28.8	20.4–28.8	4.25–6	20.4–28.8	4.25–6	
Max. input points simultaneous ON	100 %	100 %*	100 %	100 %*	100 %	
Input	Resistance	k Ω Approx. 3.9	approx. 3.9	approx. 470 W	approx. 3.9	approx. 470 W
	Current	mA Approx. DC 4/8	approx. DC 6	approx. DC 6	approx. DC 6	approx. DC 6
ON	Voltage	V \geq DC 19	\geq DC 13	\geq DC 3.5	\geq DC 13	\geq DC 3.5
	Current	mA \geq DC 4	\geq DC 3	\geq DC 3	\geq DC 3	\geq DC 3
OFF	Voltage	V \leq DC 11	\leq DC 8	\leq DC 1	\leq DC 8	\leq DC 1
	Current	mA \leq DC 1.7	\leq DC 1.6	\leq DC 1	\leq DC 1.6	\leq DC 1
Response time	OFF \rightarrow ON	ms \leq 0.2	0.04–0.95 (adjustable)	0.04–0.95 (adjustable)	0.04–0.95 (adjustable)	0.04–0.95 (adjustable)
	ON \rightarrow OFF	ms \leq 0.3	0.04–0.95 (adjustable)	0.04–0.95 (adjustable)	0.04–0.95 (adjustable)	0.04–0.95 (adjustable)
Status display of inputs	LED	LED	LED	LED	LED	
Insulation method	All modules are fitted with photocoupler isolation between input terminals and internal circuit.					
I/O points	16	16	16	16	16	
Connection terminal	The module is fitted with a terminal block with 18 screw terminals.					
Applicable wire size	mm ² 0.3–0.75	0.3–0.75	0.3–0.75	0.3–0.75	0.3–0.75	
Internal power consumption (5 V DC)	mA 60 (all points ON)	80 (all points ON)	80 (all points ON)	80 (all points ON)	80 (all points ON)	
Weight	kg 0.20	0.16	0.16	0.16	0.16	
Dimensions (WxHxD)	mm 27.4x98x90	27.4x98x90	27.4x98x90	27.4x98x90	27.4x98x90	
Order information	Art. no. 136395	221844	221855	221856	221857	