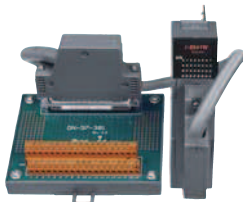
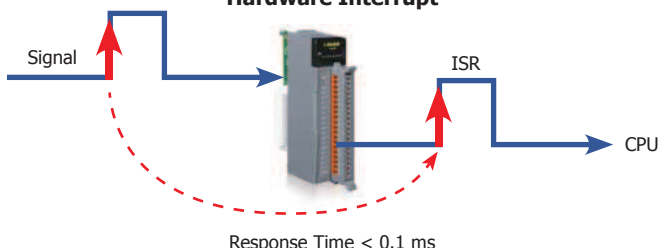


• Selection Guide

Digital Input Modules (Parallel Bus)										Table 5-3-1
Models		I-8040W	I-8040PW	I-8046W	I-8048W	I-8051W	I-8052W	I-8053W	I-8053PW	I-8058W
Pictures										
		Note1								
Digital Input										
Channels		32		16	8	16	8	16		8
Contact		Wet		Dry	Dry + Wet	Dry	Wet	Wet		Wet
Sink /Source (NPN /PNP)		Sink, Source		Source	Sink, Source	Source	Sink, Source	Sink, Source		Sink, Source
on	Voltage Level	10 ~ 30 V _{DC}	19 ~ 30 V _{DC}	Close to GND.	Isolated: 4 ~ 30 V Non-Isolated TTL: 0.8 V Max.	Close to GND.	10 ~ 30 V _{DC}	10 ~ 30 V _{DC}	19 ~ 30 V _{DC}	80 ~ 250 V _{AC}
off	Voltage Level	4 V _{DC} Max.	11 V _{DC} Max.		Open		Isolated: 1 V _{DC} Max. Non-Isolated TTL: 2 ~ 5 V _{DC}	Open	4 V _{DC} Max.	4 V _{DC} Max.
Low Pass Filter		-	Yes	-	-	-	-	-	Yes	-
Effective Distance for Dry Contact		-		500 m	100 m	100 m	-			
System										
Watchdog		-		-						
Isolation		3750 V _{rms}		3750 V _{rms}	1500 V _{rms}	-	5000 V _{rms}	3750 V _{rms}		5000 V _{rms}
Power Consumption		0.65 W	1 W	1.3 W	1.75 W	1.1 W	0.3 W	0.4 W	0.45 W	0.6 W
Connector		D-Sub 37		Terminal Block						
Optional Accessories		DN-37-381-A		-						
 I/O module with DN-37-381-A										
Note1. I-8048W supports hardware interrupt capturing. Each channel can be configured to capture either of rising edge or falling edge signal. Hardware Interrupt  Response Time < 0.1 ms										
■ We suggest to choose "P" version of digital input module for industrial use, example : I-8040PW, I-8053PW ... etc. ■ Effective distance for dry contact of DI/DIO module In general, the effective distance for dry contact of DI module is 100 m. With the enhanced circuit design, the distance can be extended up to 500 m.  500 m  100 m										