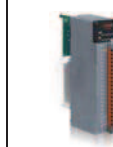


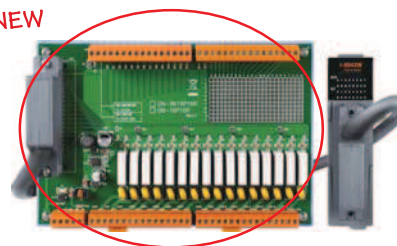
Selection Guide

Digital Input & Output Modules (Parallel Bus)							Table 5-3-6
Models	I-8042W	I-8050W	I-8054W	I-8054RW	I-8055W	I-8063W	
Pictures		Note1 					
Digital Input							
Channels	16	16	8		8	4	
Type	Wet	Wet	Wet		Dry	Wet	
Sink /Source (NPN /PNP)	Sink, Source	Sink	Sink, Source		Source	Sink, Source	
on Voltage Level	10 ~ 30 Vdc	10 ~ 30 Vdc	10 ~ 50 Vdc		Close to GND.	10 ~ 30 Vdc	
off Voltage Level	4 Vdc Max.	4 Vdc Max.	4 Vdc Max.		Open	4 Vdc Max.	
Low Pass Filter	-	-	-	Yes	-	-	
Effective Distance for Dry Contact	-	-	-	-	100 m	-	
Digital Output							
Channels	16	16	8		8	4	
Type	Open Collector	Open Collector	Open Collector		Open Collector	Power Relay	
Sink /Source (NPN /PNP)	Sink	Sink	Sink		Sink	Form C	
Load Voltage	5 ~ 30 Vdc	5 ~ 30 Vdc	5 ~ 50 Vdc		5 ~ 30 Vdc	5 A (NO)/3 A (NC) @ 30 Vdc 5 A (NO)/3 A (NC) @ 277 V _{AC} 5 A (NO)/3 A (NC) at 65°C	
Max. Load Current	100 mA/channel	100 mA/channel	700 mA/channel		100 mA/channel		
Power on Value	-	-	-	Yes	-	-	
Safe Value	-	-	-	Yes	-	-	
System							
Watchdog	-	-	-		-	-	
Isolation	3750 V _{rms}	3750 V _{rms}	3750 V _{rms}		-	3750 V _{rms}	
Power Consumption	1.5 W	1 W	0.55 W		1 W	2 W	
Connector	D-Sub 37	Terminal Block	Terminal Block		Terminal Block	Terminal Block	
Optional Accessories	DN-37-381-A, DN-8K16P16R	-	-		-	-	



I/O module with DN-37-381-A

NEW



I/O module with DN-8K16P16R

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

Note1. I-8050W is 16-ch universal digital I/O module. Each channel can be independently configured to be an input or an output channel by software setting.