

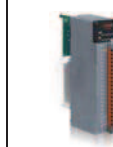

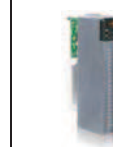


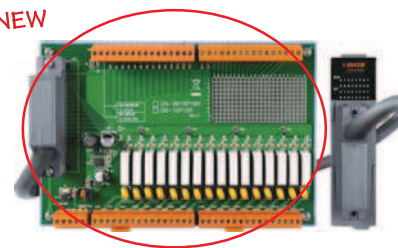




● Selection Guide

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 		Available soon 			
<b>Digital Input</b>							
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	-	
<b>Digital Output</b>							
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 <sub>AC</sub> 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	-	-	
<b>System</b>							
Watchdog	-	-	-		-	-	
Isolation	3750 V <sub>rms</sub>	3750 V <sub>rms</sub>	3750 V <sub>rms</sub>		-	3750 V <sub>rms</sub>	
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	-	-		-	-	
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>I/O module with DN-37-381-A</p> </div> <div style="text-align: center;"> <p>NEW</p>  <p>I/O module with DN-8K16P16R</p> </div> </div>							
<p>■ Effective distance for dry contact of DI/DIO module</p> <p>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.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>500 m</p> </div> <div style="text-align: center;">  <p>100 m</p> </div> </div>							
<p><b>Note1.</b> 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.</p>							