

# Digital I/O and Counter Specification

Modules	S-7050	S-7052	S-7053	S-7041	S-7042	S-7043	S-7044	S-7060	S-7067	S-7080
Digital Inputs	7	8	16	14				4	4	Counter Input
Characteristics Logic level 1: Logic level 0:	+3.5V +30V +1V Max	+3.5V +30V +1V Max	Dry Contact Open Close to grnd	+3.5V +30V +1V Max	-	-	+3.5V +30V +1V Max	+3.5V +30V +1V Max	-	+3.5V +30V 0 to 1V
Digital Outputs	8	-	-	-	13	16	8	4	7	2
Output Characteristics	open collector to 30V 30mA max load				open collector to 30V max output current 100mA per channel	open collector to 30V max output current 100mA per channel, total 3A max	open collector to 30V max output current 600mA per channel, total 3A max	Channel Relay Two form 'A' relay Two form 'C' relay Dry contact Ratings: AC:125V@0.6A 250V@0.3A DC: 30V@2A 110V@0.6A	Channel Relay Two form 'A' relay Dry contact Ratings: AC:120V@0.5A DC: 24V@1A	open collector to 30V 30mA max load
Alarm setting	-	-	-	-	-	-	-	-	-	Yes
Frequency Input Channel	-	-	-	-	-	-	-	-	-	2
Input Frequency Range	-	-	-	-	-	-	-	-	-	5Hz-50kHz
Max Count										32 Bits
LED Display	-	-	-	-	-	-	-	-	-	Option S-7080D
Dual Watchdog timer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Isolation		5000V RMS		3750V RMS	3750V RMS		3750V RMS	3750V RMS		5000V RMS
Power Consumption	0.4W	0.4W	0.8W	0.8W	0.8W	0.6W	0.8W	0.8W	0.8W	2W 2.2W(D)
Dimensions and weight	As analog modules	As analog modules	As analog modules	As analog modules	As analog modules	As analog modules	As analog modules	As analog modules	As analog modules	As analog modules

# Converter Specification

Specifications	7520	ISA-7520R	7520A	7510	7510A
<b>Input</b>	RS-232	RS-232	RS-232	RS-485	RS-422
<b>Output</b>	RS-485	RS-485	RS-485/RS-422	RS-485	RS-422
<b>Baud Rates</b>	300, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115000	300, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115000	300, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115000	300, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115000	300, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115000
<b>Isolation Voltage</b>	3000V DC	3000V DC	3000V DC	3000V DC	3000V DC
<b>Power Req't</b>	+10 to +30V DC	+10 to +30V DC	+10 to +30V DC	+10 to +30V DC	+10 to +30V DC
<b>Power Consumption</b>	2.2W max	2.2W max	2.2W max	2.2W max	2.2W max
<b>Operating Temp</b>	-10 to +60	-10 to +60	-10 to +60	-10 to +60	-10 to +60
<b>Storage Temp</b>	-20 to +80	-20 to +80	-20 to +80	-20 to +80	-20 to +80
<b>Humidity</b>	5-95% non condensing	5-95% non condensing	5-95% non condensing	5-95% non condensing	5-95% non condensing
<b>Form Factor</b>	Din Rail module	ISA Bus card	DIN Rail module	DIN Rail module	DIN Rail module
<b>Dimensions &amp; Weight</b>	As analog modules	As analog modules	As analog modules	As analog modules	As analog modules

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