

MasterTrace 2101 & 2102 vs DigiTrace 910 & 920

GENERAL	MS-2101	910	MS-2102	920
Areas	Ordinary, CI I Div2	Ordinary, CI I Div2 (varies with model)	Ordinary, CI I Div2	Ordinary, CI I Div2 (varies with model)
Approvals	Factory Mutual, CSA US	CSA US	CSA US	Factory Mutual, CSA US
Operating Voltage	85-280 VAC		85-280 VAC	
Enclosure Type	NEMA 4X Coated Steel	FRP or Stainless	NEMA 4X Coated Steel	FRP or Optional Stainless
Operating Range	-40F - 122F	-40F to 140F	-40F - 122F	-40F to 140F
Switch Rating	30A	30A	30A	30A
Switch Type	Solid State	Mechanical or Solid State (varies with model)	Solid State	Mechanical or Solid State (varies with model)
Control Range	-58F to 932F	-76F to 1058F	-58F to 932F	-76F to 1058F
Size	10"H x 8"W x 6"D	11"H x 8.9"W x 6.9"D	10"H x 8"W x 6"D	14"H x 12"W x 8.5"D
Communications	Modbus RTU	Modbus RTU or ASCII/HTCBus	Modbus RTU	Modbus RTU or ASCII/HTCBus
Baud Rate	600, 1200, 2400, 4800, 9600	600, 1200, 2400, 4800, 9600	600, 1200, 2400, 4800, 9600	600, 1200, 2400, 4800, 9600
USER SETTINGS				
Setpoint	-58F to 932F	-76F to 1058F	-58F to 932F	-76F to 1058F
High Temp	-58F to 932F	-76F to 1058F	-58F to 932F	-76F to 1058F
Low Temp	-58F to 932F	-76F to 1058F	-58F to 932F	-76F to 1058F
High Current	0.1 to 30A	0.3 to 100A	0.1 to 30A	0.3 to 100A
Low Current	0.1 to 30A	0.3 to 100A	0.1 to 30A	0.3 to 100A
GF Alarm	10 to 1000 mA	20 to 250 mA	10 to 1000 mA	20 to 250 mA
GF Trip	10 to 1000 mA	20 to 250 mA	10 to 1000 mA	20 to 250 mA
High Voltage	85-300 VAC	10-330 VAC	85-300 VAC	10-330 VAC
Low Voltage	85-300 VAC	10-330 VAC	85-300 VAC	10-330 VAC
AutoTest	1-24 Hours	1-240 minutes or 1-240 hours	1-24 Hours	1-240 minutes or 1-240 hours
MEASURED VALUES				
Min/Max Temp	-58F to 932F	-76F to 1058F	-58F to 932F	-76F to 1058F
Maximum Current	0.1 to 60A	0.3 to 100A	0.1 to 60A	0.3 to 100A
GF Current	10 to 1000 mA	20 to 250 mA	10 to 1000 mA	20 to 250 mA
Min Voltage	85-300 VAC	85-300 VAC	85-300 VAC	85-300 VAC
Max Voltage	85-300 VAC	85-300 VAC	85-300 VAC	85-300 VAC
ALARMS				
Hi/Lo Temp	-58F to 932F	-76F to 1058F	-58F to 932F	-76F to 1058F
Hi/Lo Current	0.1 to 30A	0.3 to 100A	0.1 to 30A	0.3 to 100A
Hi/Lo Voltage	85-300 VAC	10-330 VAC	85-300 VAC	10-330 VAC
Sensor Failure	RTD Open, RTD Shorted	RTD Open, RTD Shorted	RTD Open, RTD Shorted	RTD Open, RTD Shorted