

F1-130DD wiring diagram and specifications

Power Requirements

-Voltage Range 94-240VAC (30VA)
100-240VDC (30W)

DC Input specifications

-Number of input points 10 (sink/source)
 -Number of commons 3 (isolated)
 -Input voltage range (X0-X3) 10-26.4VDC
 (X4-X11) 10-26.4VDC or 21.6 - 26.4VAC
 -Input impedance 2.8K @12-24VDC
 -ON current/voltage level >3mA/>9VDC
 -OFF current/voltage level <0.5mA/<2 VDC
 -Response X0-X3 X4-X11
 OFF to ON 50µs 2-8ms
 ON to OFF 50µs 2-8ms
 -Fuses None

DC Output specifications

-Number of output points 8 (sinking)
 -Number of commons 3 (internally connected)
 -Output circuitry MOSFET
 -Output voltage range 5-30VDC
 -Peak voltage 60VDC
 -ON voltage drop 0.4VDC @ 0.5A
 -Maximum current 0.5A/point (Y0-Y1)
 1.0A/point (Y2-Y7)
 -Maximum leakage current 15µA at 30VDC
 -Maximum inrush current
 Y0-Y1: 1.5A for 10ms, 0.5A for 100ms
 Y2-Y7: 3A for 10ms, 1A for 100ms
 -Minimum load None
 -OFF to ON response Y0-Y1 10µs Y2-Y7 3.5µs
 -ON to OFF response 70µs 110µs
 -External DC power required 10-30 VDC, 30mA + load current
 -Fuses None (external recommended)

