

7020-MWS/7020-QCC

DIGITAL I/O

CAPABILITY: 40 independent inputs. 40 independent outputs.

OUTPUT CONFIGURATION: 40 open collector drivers (channels). Each driver has an internal flyback diode.

PULL-UP VOLTAGE: 5.3V internally supplied, external connection provided for user supplied voltage, 30V max. Removal of internal jumper allows user to use two different pull-up voltages.

MAXIMUM SINK CURRENT: Per Channel: 300mA. **Per Card:** 2.5A.

CURRENT LIMIT: Output current limited to 500mA per channel.

COLLECTOR-EMITTER SATURATION VOLTAGE: <1.0V @ 300mA.

LOGIC: Negative True.

INPUT CONFIGURATION: 40 inputs with internal 10k Ω pull-up resistors.

CHARACTERISTICS:

Input Logic Low Voltage: 0.8V max.

Input Logic High Voltage: 2V min.

Input Logic Low Current: -600 μ A max. @ 0V.

Input Logic High Current: 50 μ A max. @ 5V.

MAXIMUM VOLTAGE LEVEL: 42V pk.

LOGIC: Positive True.

GENERAL

CONNECTOR: 96-pin DIN. 50-pin Header (7020-MWS only).

WARRANTY: 1 year.

STANDARDS:

Safety: Conforms with European Union Directive 73/23/EEC.

EMC: Conforms with European Union Directive 89/336/EEC.

ENVIRONMENT:

Operating: 0°C to 50°C, <80% relative humidity (0°C to 35°C).

Storage: -25°C to +65°C.

Specifications subject to change without notice.