

# 7020-MWS/7020-QCC

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## 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 $\Omega$  pull-up resistors.

### CHARACTERISTICS:

**Input Logic Low Voltage:** 0.8V max.

**Input Logic High Voltage:** 2V min.

**Input Logic Low Current:** -600 $\mu$ A max. @ 0V.

**Input Logic High Current:** 50 $\mu$ 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.