

Yokogawa F3XD32-5F

Yokogawa F3XD32-5F DC Input Module

Input type: DC voltage (sink/source)

Number of inputs: 32

Isolation method: Photocoupler isolation

Rated input voltage: 5V DC

Rated input current: 4.0 mA/point 5 V DC

Operating voltage range: 4.5 - 5.5 V DC

Operating voltage/current — ON: 3.5 V DC min. 2.0 mA min.

Operating voltage/current — OFF: 1.0 V DC max. 0.2 mA max.

Input response time — OFF→ON: Input sampling time can be specified for 5 steps: Always (0 μ s), 62.5 μ s, 250 μ s, 1ms, and 16ms. *1*2

Input response time — ON→OFF: Input sampling time can be specified for 5 steps: Always (0 μ s), 62.5 μ s, 250 μ s, 1ms, and 16ms. *1*2

Maximum ratio of inputs turned on simultaneously: 100%

External connection: One 40-pin connector

Common points: 8 points/common

Interrupt *2: Can be specified for each input point.

Current consumption: 75mA (5V DC)

Weight: 120 g

Model and suffix codes: F3XD32 -5F — DC input sink/source, 5 V DC, 32 points*

Surrounding air temperature range: Operating: 0 to 55° C / Storage: -20° C to 75° C

Surrounding humidity range: Operating: 10 to 90% RH (non-condensing) / Storage: 10 to 90% RH (non-condensing)

Surrounding atmosphere: Must be free of corrosive gases, flammable gases or heavy dust.

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