

Yokogawa F3XD16-3H

Yokogawa F3XD16-3H DC Input Module

Input type: DC voltage (plus common)

Number of inputs: 16

Isolation method: Photocoupler isolation

Rated input voltage: 24 V DC

Rated input current: 4.7 mA/point 24 V DC

Operating voltage range: 20.4 - 26.4 V DC

Operating voltage/current — ON: 16 V DC min. 3.2 mA min.

Operating voltage/current — OFF: 5.8 V DC max. 0.9 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: 18-point terminal block M3.5 screw

Common points: 8 points/common

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

Current consumption: 65mA (5V DC)

Weight: 160 g

Model and suffix codes: F3XD16 -3H — DC input (sink, +common), 24 V DC, 16 points (Quick response type)

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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