

Active module - UM-D37M/16R-120AC/DI/C3/R - 2906907

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VARIOFACE 16-channel module enhances the capabilities of Honeywell Experion LX digital input IOTA's, enabling the use of (120 V AC) digital input signals with (24 V DC) Experion LX systems

Why buy this product

- ✓ UM-PRO housing
- ✓ DIN rail mounting, includes grounding foot
- ✓ Designed to be mounted in the right side of the cabinet
- ✓ Per channel LED (coil) signal indication
- ✓ Per channel pluggable N/O relay
- ✓ Provides isolation between 120 V field devices and 24 V controller



Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 163451
GTIN	4055626163451
Weight per Piece (excluding packing)	600.000 g
Custom tariff number	85369010
Country of origin	United States

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	184 mm
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Technical data

Dimensions

Height	142.3 mm
Depth	65.2 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

Input data

Nominal input voltage U_N	120 V AC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	3 mA
Typical response time	6 ms
Typical release time	15 ms
Type of protection	Free-wheeling diode
Protective circuit/component	Damping diode
Status display/channel	Yellow LED

Output data

Contact type	1 N/O contact (double contact)
Contact material	AgNi, 5 µm hard gold-plated
Maximum switching voltage	30 V AC
	36 V DC
Minimum switching voltage	100 mV
Limiting continuous current	50 mA
Min. switching current	1 mA

General

No. of channels	16
With components	yes
Mechanical service life	2×10^7 cycles
Operating mode	100% operating factor
Color	yellow

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²

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Technical data

Connection data for connection 1

Conductor cross section AWG	24 ... 12
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Connection data for connection 2

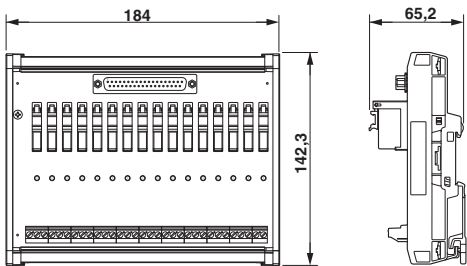
Connection name	Controller level
Connection method	D-SUB connector
Number of connections	1
Number of positions	37

Supported controller

Corresponding control	Honeywell Experion LX Series 8
Corresponding I/O card	TDILA1
	TDILB1

Drawings

Dimensional drawing



Circuit diagram

