

# Active module - UM-D37M/16R-120AC/DI/C3/L C - 2906915

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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 left 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 164311
GTIN	4055626164311

## 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
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

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## Technical data

### Input data

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	2x 10 <sup>7</sup> 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 <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

### 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

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
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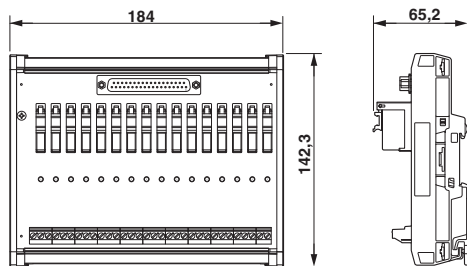
## Technical data

### Environmental Product Compliance

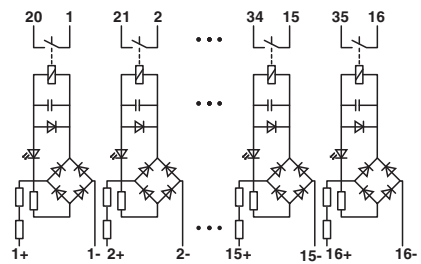
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## Drawings

Dimensional drawing



Circuit diagram



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