



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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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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 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
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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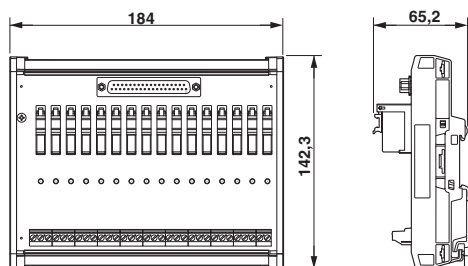
Technical data

Environmental Product Compliance

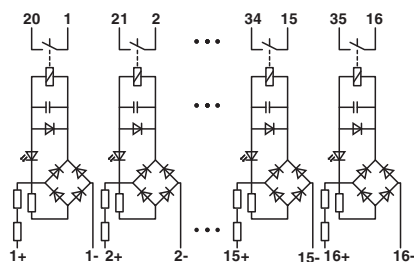
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Drawings

Dimensional drawing



Circuit diagram



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