



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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## Interface module - UM-D37M/DS/FU/LED/AID16/C3/R C - 2906180

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VARIOFACE module intended for use with Honeywell Experion C300 16-channel analog input cards. Channels 1 to 16 feature differential inputs.

### Why buy this product

- These VARIOFACE modules are used in combination with the relevant front adapters
- Per channel pluggable 500 mA fusing
- UM-PRO housing
- DIN rail mounting, includes grounding foot
- LED blown fusing indication
- Per channel shield connection
- Conformal coating of PCB
- Per channel disconnects with test points



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 066851
GTIN	4055626066851

### Technical data

#### Dimensions

Width	184 mm
Height	142.3 mm
Depth	65.6 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C

#### General

Max. perm. operating voltage	24 V DC
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# Interface module - UM-D37M/DS/FU/LED/AID16/C3/R C - 2906180

## Technical data

### General

Max. perm. current (per branch)	500 mA (fuse limited)
Number of positions	37

### Connection data for connection 1

Connection name	Field level
Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M 3
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 pin strip
Number of connections	2
Number of positions	37

### Supported controller

Controller	HONEYWELL Experion PKS C300/C-Series
- suitable I/O card	TAID01 (non-redundant)
	TAID11 (redundant)
Controller	Honeywell Experion LX Series 8
- suitable I/O card	8X-TAIDA1
	8X-TAIDB1

### Standards and Regulations

Standards/regulations	DIN EN 50178
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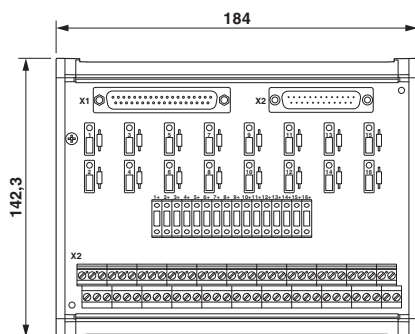
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

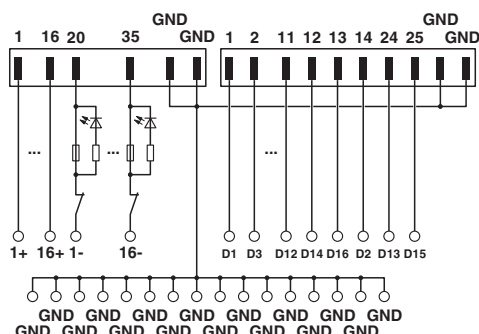
## Drawings

# Interface module - UM-D37M/DS/FU/LED/AID16/C3/R C - 2906180

Dimensional drawing



Circuit diagram



dimensional drawing of left hand version

## Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

## Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
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cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	
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