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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.

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Order No.: 2975722

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2975722

VARIOFACE module, with plug-in bases for 8 miniature relays with two PDT contacts, with LED

Commercial data

EAN	4017918100810
Pack	1 pcs.
Customs tariff	85364190
Weight/Piece	0.2745 KG
Catalog page information	Page 301 (IF-2009)

http://

H w

Product notes

03/30/2007

WEEE/RoHS-compliant since:

www.download.phoenixcontact.com Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Input data

Nominal input voltage U_{N}	24 V DC ± 10%
Input voltage range in reference to $U_{\scriptscriptstyle N}$	0.9 1.1
Name of protection	Free-wheeling diode
Protective circuit/component	Damping diode

PHENIX



Output dataContact type2 PDTMaximum switching voltage260 V ACLimiting continuous current5 AError detection (line break / short circuit)noOrneral dataSanametersNo. of channels8Compatible componentsMiniature relays or miniature optocouplersWith componentsNoYouth data98Popting90 mmPopting90 mmAmbient temperature (operation)60 °C … 50 °C … 50 °CAmbient temperature (operation)20 °C … 70 °CTest voltage relay winding/relay contact25 kVGO HZ, 1 min)Test voltage relay winding/relay contact10 NUDE 0110Andunting positionAnyPollution degree2Polution degree11Housing insulation materialVC, side panel PA non-reinforced,Colorgreen	Status display/channel	Yellow LED
Anamony productionDescriptionMaximum switching voltage250 V ACLimiting continuous current5 AError detection (line break / short circuit)noGeneral dataImage: State of Compatible componentsNo. of channels8Compatible componentsMiniature relays or miniature optocouplersWith componentsNoWith full168.8 mmHeight59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Output data	
Limiting continuous current5 AError detection (line break / short circuit)noGeneral data8No. of channels8Compatible componentsMiniature relays or miniature optocouplersWith componentsNoWidth168.8 mmHeight59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Contact type	2 PDT
ConstraintnoGeneral datanoGeneral data8No. of channels8Compatible componentsMiniature relays or miniature optocouplersWith componentsNoWith componentsNoWidth168.8 mmDepth59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Maximum switching voltage	250 V AC
General dataNo. of channels8Compatible componentsMiniature relays or miniature optocouplersWith componentsNoWidth168.8 mmHeight59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Limiting continuous current	5 A
No. of channels8Compatible componentsMiniature relays or miniature optocouplersWith componentsNoWidth168.8 mmHeight59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Error detection (line break / short circuit)	no
Compatible componentsMiniature relays or miniature optocouplersWith componentsNoWidth168.8 mmHeight59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contactDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	General data	
With componentsNoWidth168.8 mmHeight59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	No. of channels	8
Width168.8 mmHeight59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Compatible components	Miniature relays or miniature optocouplers
Height59 mmDepth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	With components	No
Depth77 mmAmbient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Width	168.8 mm
Ambient temperature (operation)-20 °C 50 °CAmbient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Height	59 mm
Ambient temperature (storage/transport)-20 °C 70 °CTest voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Depth	77 mm
Test voltage2.5 kV (50 Hz, 1 min)Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Ambient temperature (operation)	-20 °C 50 °C
Test voltage relay winding/relay contact2.5 kV ACStandards/regulationsDIN VDE 0110Mounting positionAnyPollution degree2Surge voltage categoryIIIHousing insulation materialPVC, side panel PA non-reinforced,	Ambient temperature (storage/transport)	-20 °C 70 °C
Standards/regulations DIN VDE 0110 Mounting position Any Pollution degree 2 Surge voltage category III Housing insulation material PVC, side panel PA non-reinforced,	Test voltage	2.5 kV (50 Hz, 1 min)
Mounting position Any Pollution degree 2 Surge voltage category III Housing insulation material PVC, side panel PA non-reinforced,	Test voltage relay winding/relay contact	2.5 kV AC
Pollution degree 2 Surge voltage category III Housing insulation material PVC, side panel PA non-reinforced,	Standards/regulations	DIN VDE 0110
Surge voltage category III Housing insulation material PVC, side panel PA non-reinforced,	Mounting position	Any
Housing insulation material PVC, side panel PA non-reinforced,	Pollution degree	2
	Surge voltage category	III
Color green	Housing insulation material	PVC, side panel PA non-reinforced,
	Color	green
	Connection data	

Connection 1	Input
Type of connection	Screw connection
Number of positions	10
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Screw thread	M3

Stripping length	6 mm
Connection 2	Output
Type of connection	Screw connection
Number of positions	6
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Screw thread	M3
Stripping length	6 mm

Certificates / Approvals

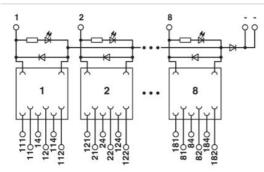


Certification

GOST

Diagrams/Drawings

Circuit diagram



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