

UM-PVB/6SI/LED - Potential distributors



2310581

<https://www.phoenixcontact.com/us/products/2310581>

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Fuse module for potential distribution (24 V, 0 V), 6 fuses (5 x 4 A / 1 x 2 A), with fuse failure displays and 2 spare fuses (2 A and 4 A)

Commercial data

Item number	2310581
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2A84
GTIN	4046356138857
Weight per piece (including packing)	97.6 g
Weight per piece (excluding packing)	93.12 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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Product properties

Product type	Potential distributor
Product family	VARIOFACE

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage range	19.2 V AC/DC ... 26.4 V AC/DC
Fuse	4 A 5x20 (slow-blow) (F1 - F5)
	2 A 5x20 (slow-blow) (F6)
Current (per branch)	≤ 4 A (F1 - F5)
	≤ 2 A (F6)
Current (Total current)	≤ 16 A (X1/X2)

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.4 kV (1.2/50 μs)

Connection data

Connection 2

Connection method	Push-in spring connection
Stripping length	10 mm
Number of positions	12
Conductor cross-section rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 1.5 mm ²
	0.25 mm ² ... 0.75 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 0.75 mm ² (Ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 16
Pitch	5.08 mm

Connection 1

Connection method	Spring-cage connection
Stripping length	10 mm
Number of positions	2

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Conductor cross-section rigid	0.2 mm ² ... 6 mm ²
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
	0.25 mm ² ... 4 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 4 mm ² (Ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 10
Pitch	7.5 mm

Signaling

Error indication	LED red, in case of fuse failure
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Dimensions

Item dimensions

Width	112 mm
Height	40 mm
Depth	47.5 mm

Material specifications

Color	green (RAL 6021)
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Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

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Classifications

ECLASS

ECLASS-13.0	27400609
ECLASS-15.0	27400609

ETIM

ETIM 10.0	EC001894
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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EF3.1 Climate Change

CO2e kg	1.098 kg CO2e
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