

1608087
<https://www.phoenixcontact.com/us/products/1608087>

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MSTB panel mounting frame, IP67, for push-pull interlocking, metal, for PCB connection, for square panel cutout, with grommet, without mounting screws

Commercial data

Item number	1608087
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOJA
GTIN	4046356131759
Weight per piece (including packing)	24.814 g
Weight per piece (excluding packing)	22.066 g
Customs tariff number	85389099
Country of origin	DE

Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 11 Connectors for 24 Volt Power Supply Cabling and Chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
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Product properties

Product type	Panel-mount frame
Application	Power PCB connection
Type	Version 14
Connection profile	unassembled

Insulation characteristics

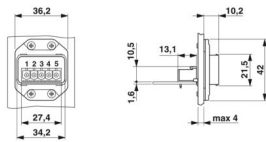
Degree of pollution	2
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Connection data

Connection technology

Connection method	Push-Pull
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Dimensions

Dimensional drawing	
Width	36.2 mm
Height	42 mm
Length	17.5 mm

Material specifications

Color	silver
Material	Metal
Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	Metal
Housing surface material	nickel-plated

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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VS-PPC-F2-MSTB-MNNA-1R-P - Panel-mount frame



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Environmental and real-life conditions

Ambient conditions

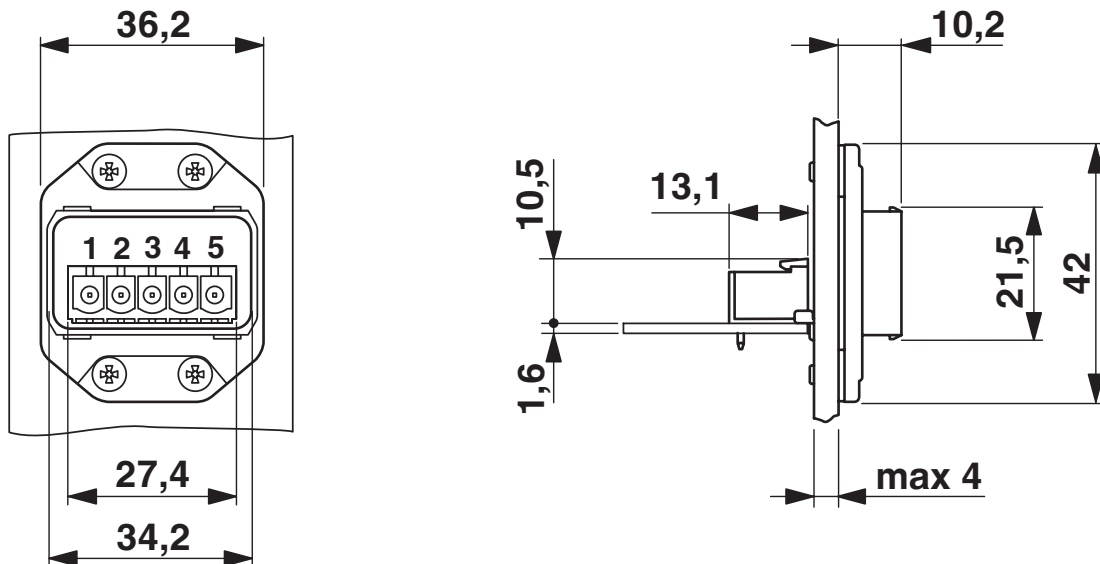
Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 80 °C

Mounting

Mounting type	Panel mounting
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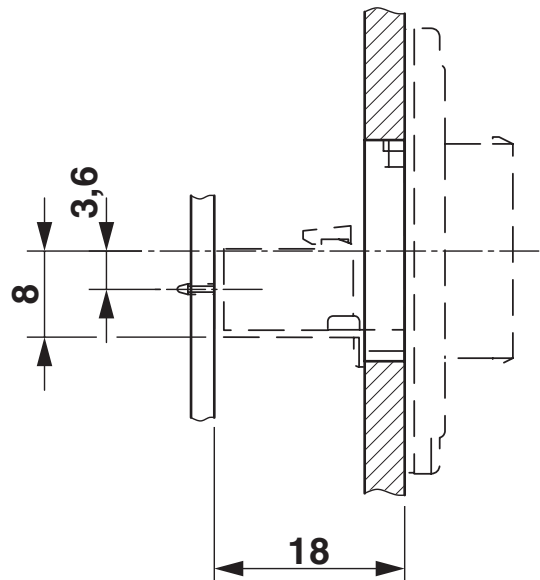
Drawings

Dimensional drawing



PROFINET POWER panel mounting frame, IP67

Dimensional drawing



PCB alignment, straight solder pins

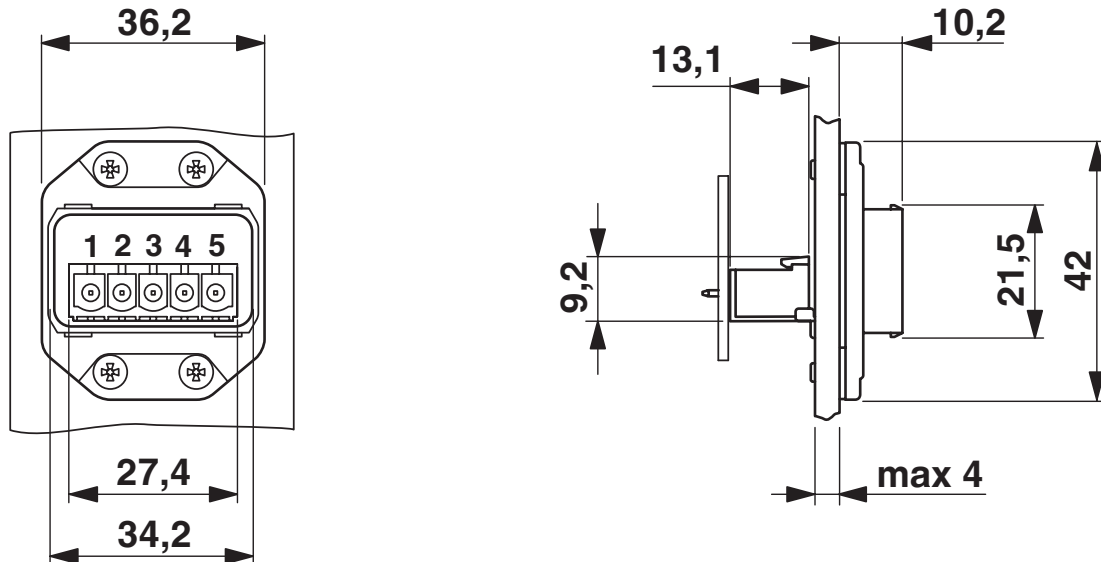
VS-PPC-F2-MSTB-MNNA-1R-P - Panel-mount frame



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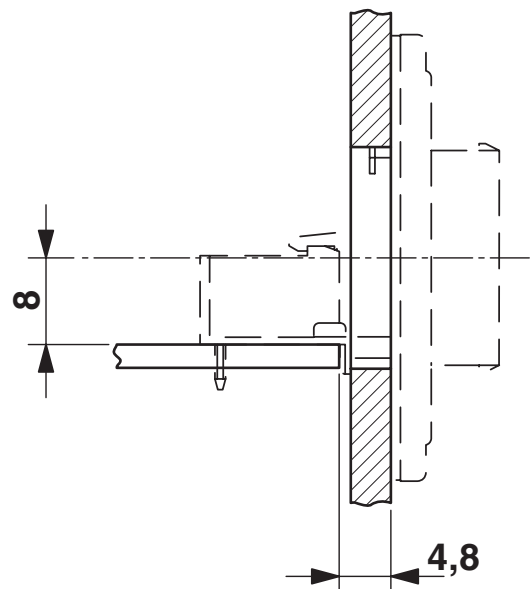
<https://www.phoenixcontact.com/us/products/1608087>

Dimensional drawing



PROFINET POWER panel mounting frame, IP67

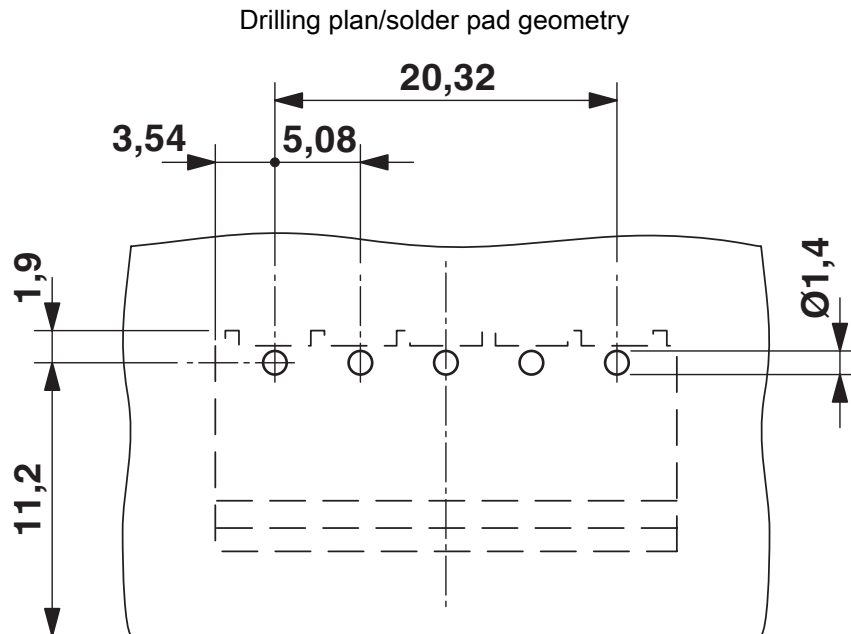
Dimensional drawing



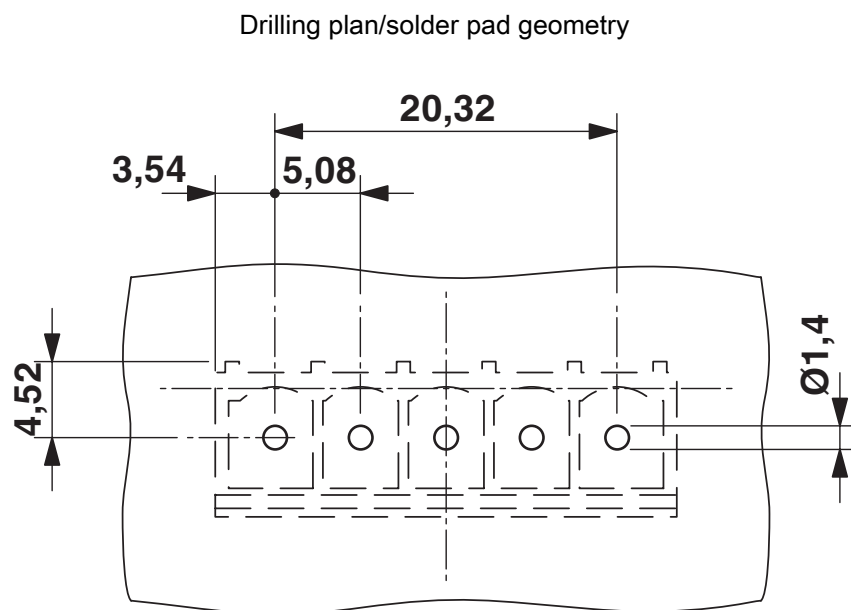
PCB alignment, angled solder pins

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Drilling diagram



Drilling diagram

VS-PPC-F2-MSTB-MNNA-1R-P - Panel-mount frame



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Classifications

ECLASS

ECLASS-13.0	27440210
ECLASS-15.0	27440210

ETIM

ETIM 9.0	EC002310
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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
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	e05d0456-f3a3-476b-b119-45e7e3765260

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