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# Panel feed-through terminal block - PWO 16-UW - 1844387

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Panel feed-through terminal block, Connection method: Push-in connection, Screw connection, Load current: 76 A, Cross section: 1.5 mm² - 16 mm², AWG 14 - 4, Width: 12.1 mm, Color: gray

## **Key Commercial Data**

Packing unit	50 STK
GTIN	4 0 4 6 3 5 6 9 5 1 3 1 9

## Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Insulating material group	1
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	76 A
Maximum load current	76 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	No
Number of positions	1

#### **Dimensions**

Width	12.1 mm
Plate thickness	1 mm 6 mm

#### Connection data

Connection side	Outside
Connection method	Push-in connection



# Panel feed-through terminal block - PWO 16-UW - 1844387

## Technical data

## Connection data

Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible max.  Conductor cross section flexible min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  1.5 mm²  Conductor cross section flexible, with ferrule with plastic sleeve, min.  4 mm²  1.5	Conductor cross section solid min.	1.5 mm²
Conductor cross section flexible max.  Conductor cross section AWG min.  14  Conductor cross section AWG min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductors section flexible, with ferrule with plastic sleeve max.  15 mm²  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductor cross section section stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  Connection method  Connection method  Connection cross section solid min.  Conductor cross section flexible min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor with same cross section, solid min.  2.5 mm²  2 conductors with same cross section, stranded min.  2.5 mm²  2 conductors with same cross section, stranded min.  2.5 mm²  4 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded, forrules without plastic sleeve, min.  2 conductors with same cross section, stranded, forrules without plastic sleeve, min.  4 mm²  4 mm²  5 mm²  6 mm²  6 mm²  6 mm	Conductor cross section solid max.	16 mm²
Conductor cross section AWG min.  Conductor cross section faxible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  15 mm²  16 mm²  17 mm²  18 mm  18 mm  19 mm  19 mm  10 mm²  10 mm²	Conductor cross section flexible min.	1.5 mm²
Conductor cross section Rexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  15 mm²  1.5 mm²	Conductor cross section flexible max.	16 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  Conductor swith same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  18 mm  Connection side  Connection side  Connection side  Connection side  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section flexible with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductors section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  4 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  6 mm²  2 conductors with same c	Conductor cross section AWG min.	14
Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  18 mm  Connection side  Inside  Connection method  Connection method  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor sin same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  6 mm³  6 mm³  6 mm³  6 mm³  7 min side min sid	Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  18 mm  Connection side  Connection method  Conductor cross section solid min.  Conductor cross section solid max.  25 mm²  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductors with same cross section, solid min.  2 conductors with same cross section, solid min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  4 mm²  4 mm²  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  6 mm²  6 mm²  6 mm²  7 min ferrules with plastic sleeve, min.  9 conductors with same cross section, stranded, TWIN ferrules	Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  3 tripping length  18 mm  Connection side  Connection method  Conductor cross section solid min.  Conductor cross section solid min.  Conductor cross section flexible with.  Conductor cross section flexible with.  Conductor cross section flexible with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor with same cross section, solid min.  2 conductors with same cross section, solid min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules with plastic sleeve, min.  3 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  5 mm²  6 mm²  6 mm²  6 mm²  7 mm²  8 mm²  9 mm²  10 mm²	Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  18 mm  Connection side  Connection method  Connection method  Conductor cross section solid min.  6 mm²  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  Conductor cross section flexible, with ferrule with plastic sleeve min.  6 mm²  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  3 firping length  16 mm  17 mm²  18 mm²  19 mm²  19 mm²  10 mm²  10 mm²  10 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  10 mm²  11 mm²  12 mm²  13 mm²  14 mm²  15 mm²  16 mm²  17 mm²  18 mm²  19 mm²  10 mm²  10 mm²  10 mm²  10	Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm <sup>2</sup>
plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve max.  Stripping length  18 mm  Connection side  Inside  Connection method  Conductor cross section solid min.  Conductor cross section solid max.  25 mm²  Conductor cross section flexible min.  6 mm²  Conductor cross section flexible min.  10 mm²  Conductor cross section flexible min.  10 mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded max.  4 conductors with same cross section, stranded max.  5 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules with out plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  6 mm²  7 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  9 conductors with same cross section, stranded, ferrules with out plastic sleeve, min.  10 mm²  11 mm²  12 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  12 conductors	Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm²
plastic sleeve, max.  Stripping length  18 mm  Connection side  Connection method  Screw connection  Conductor cross section solid min.  6 mm³  Conductor cross section flexible min.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section AWG min.  10  Conductor cross section AWG min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm³  4 mm³  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  4 mm²  5 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  Conductors with same cross section, stranded, ferrules without plastic sleeve, min.  Tipine jength  16 mm  16 mm  17 mm²  17 mm²  18 mm²  19 mm²  10 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  10 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.		1.5 mm²
Connection side  Connection method  Screw connection  Conductor cross section solid min.  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section AWG min.  Conductor cross section AWG min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  2.5 mm²  2 conductors with same cross section, solid min.  2.5 mm²  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2.5 mm²  4 mm²  4 mm²  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules with plastic sleeve, min.  4 mm²  4 mm²  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  10 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  10 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  10 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  11 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  12 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  13 mm²  4 mm²  4		4 mm²
Connection method  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible min.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section AWG min.  Conductor cross section AWG max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  Conductor systematic flexible, with ferrule with plastic sleeve max.  10 mm²  2 conductors with same cross section, solid min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  16 mm  16 mm  16 mm  17 min m²  16 mm  16 mm  17 min m²  17 min m²  18 mm²  19 mm²  10 mm²	Stripping length	18 mm
Conductor cross section solid min.  Conductor cross section flexible min.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section AWG min.  Conductor cross section AWG min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, solid min.  2.5 mm²  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  5 cmm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  Stripping length  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  2 5 mm²	Connection side	Inside
Conductor cross section flexible min.  Conductor cross section flexible max.  Conductor cross section flexible max.  Conductor cross section AWG min.  Conductor cross section AWG max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, solid min.  2.5 mm²  2 conductors with same cross section, slid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  16 mm²  6 mm²  6 mm²  7 mm²  6 mm²  8 mm²  1 mm²  1 mm²  1 mm²  1 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  1 mm²  1 mm²  1 mm²  1 mm²  1 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  1 mm²  1 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	Connection method	Screw connection
Conductor cross section flexible min.  Conductor cross section AWG min.  Conductor cross section AWG max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, solid min.  2.5 mm²  2 conductors with same cross section, stranded min.  2.5 mm²  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  3 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  16 mm  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min	Conductor cross section solid min.	6 mm²
Conductor cross section flexible max.  Conductor cross section AWG min.  Conductor cross section AWG max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, solid min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  Conductors with same cross section, stranded max.  Conductors with same cross section, stranded, ferrules without plastic sleeve, min.  Conductors with same cross section, stranded, ferrules without plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded max.  Conductors with	Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section AWG min.  Conductor cross section AWG max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  16 mm  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  10 mm²  4 mm²  6 mm²  6 mm²  10	Conductor cross section flexible min.	6 mm²
Conductor cross section AWG max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  5 tripping length  16 mm  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  4 Date of ma²  2 Nm	Conductor cross section flexible max.	16 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  4 mm²  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  1 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 condu	Conductor cross section AWG min.	10
Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  5 mm²  4 mm²  5 mm²  5 mm²  6 mm²  7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  6 mm²  7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  8 mm²  9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  10 mm²	Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  16 mm²  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  4 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  4 mm²  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  6 mm²  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  6 mm²  7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  8 mm²  8 mm²  9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  8 mm²  9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  10 mm²  11 mm²  12 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  10 mm²  11 mm²  12 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  10 mm²  11 mm²  12 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	Conductor cross section flexible, with ferrule without plastic sleeve min.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  10 mm²  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  6 mm²  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  6 mm²  7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  8 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  16 mm²  4 mm²  6 mm²  7 mm²  16 mm  16 mm  17 mternal cylindrical gage  87  87  87  87  87  87  87  87  87  8	Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  6 mm²  4 mm²  6 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  6 mm²  7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  8 tripping length  16 mm  1 lnternal cylindrical gage  87  Screw thread  M5  Tightening torque, min  2 Nm	Conductor cross section flexible, with ferrule with plastic sleeve min.	6 mm²
2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  6 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules with plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  5 tripping length  16 mm  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  6 mm²  4 mm²  5 mm²  6 mm²  7 mm²  8 mm²  8 mm²  9 mm²  10 m	Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm²
2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 6 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 6 mm² 6 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 6 mm² 6 mm² 7 mm² 8 mm² 8 mm² 9	2 conductors with same cross section, solid min.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  5 tripping length  16 mm  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  2 Nm	2 conductors with same cross section, solid max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  4 mm²  5 mm²  6 mm²  7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  6 mm²  7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  8 mm²  8 mm²  9 mm²  10 mm²  11 mm  11 lnternal cylindrical gage  87  Screw thread  M5  Tightening torque, min  2 Nm	2 conductors with same cross section, stranded min.	2.5 mm <sup>2</sup>
sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  5 tripping length  16 mm  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  2 Nm	2 conductors with same cross section, stranded max.	6 mm²
sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  4 mm²  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  5 mm²  6 mm²  6 mm²  Stripping length  16 mm  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  2 Nm		4 mm²
plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Stripping length  16 mm  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  4 mm²  6 mm²  6 mm²  7 M5  8 M5	·	6 mm²
plastic sleeve, max.  Stripping length  Internal cylindrical gage  B7  Screw thread  M5  Tightening torque, min  Commanda  M5  Tightening torque, min		4 mm²
Internal cylindrical gage B7 Screw thread M5 Tightening torque, min 2 Nm		6 mm²
Screw thread M5 Tightening torque, min 2 Nm	Stripping length	16 mm
Tightening torque, min 2 Nm	Internal cylindrical gage	B7
	Screw thread	M5
	Tightening torque, min	



# Panel feed-through terminal block - PWO 16-UW - 1844387

## Technical data

## Connection data

1.9.1.0.1.1.19	Tightening torque max	2.3 Nm
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## Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

## Classifications

## eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134

#### **ETIM**

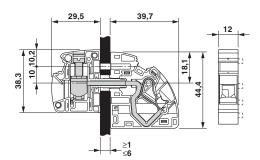
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

#### **UNSPSC**

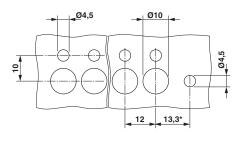
UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## **Drawings**

#### Dimensional drawing



#### Dimensional drawing



\*Only when using the PWO 16-F flange plate



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Product	Code	Reference	Product link
Panel feed-through terminal block, Connection method: Push-in connection, Screw connection, Load current : 76 A, Cross section: 1.5 mm² - 16 mm², AWG 14 - 4, Width: 12.1 mm, Color: gray	1844387	PWO 16- UW	Buy on EAN