

Data sheet

RP036xxHBLS Typ 218

Page 1/6

P/N
312181xx

xx=number of poles

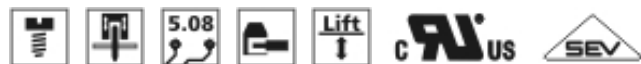
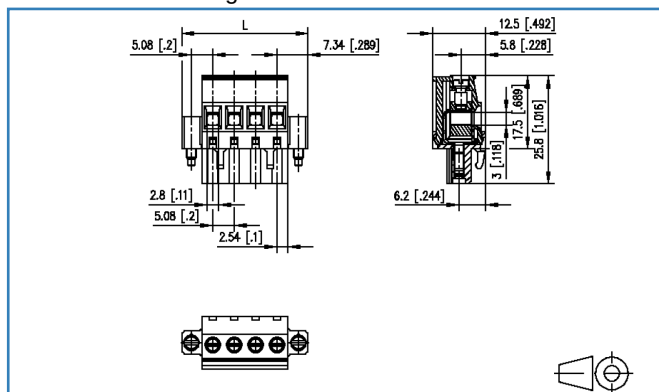
2019/10/23

Version: S

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- screw type terminal block, pluggable
- centerline 5.08 mm, direction of connection 90°
- lift system
- color black, mounting flange
- wire entry codeable side perpendicular to plug direction

Data sheet

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Page 2/6

P/N
312181xx

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Version: S

Technical Data

General Data

Tightening torque SEV	0.5 Nm		
Tightening torque UL	4.5 lb-in		
min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 600		
clearance/creepage dist.	3.2 mm		
protection category	IP20		
Min. insul. strip length	8 mm		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	160 V	400 V	400 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

Connection Data

rat.wiring solid AWGmax	0.08 mm ² - 4 mm ² / AWG 28 - AWG 12
rat.wiring strand.AWGmax	0.08 mm ² - 2.5 mm ² / AWG 28 - AWG 12

Approvals

extended wiring UL	2 AWG 16-18, or 1 AWG 16 stranded with 1 AWG 18 solid, or 1 AWG 16 stranded with 1 AWG 18 stranded
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 V / A / AWG	300 / 16 / 28 - 12
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 2.5 mm ²	320 V / 4 kV / 13.5 A
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Material

insulating material	PA66
flammability class	V0
contact material	CuSn
contact surface	Sn
terminal body material	CuZn
terminal body surface	Ni
screw surface	Zn Cr(VI)-frei/free
screw thread	M3
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13
REACH - substance (SVHC)	Lead / 7439-92-1

Climatic Data

Technical Data

upper limit temperature	105 °C
lower limit temperature	-40 °C

General

Tolerance	ISO 2768 -mH
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Accessories

P/N	Designation
700025-01-9	700025

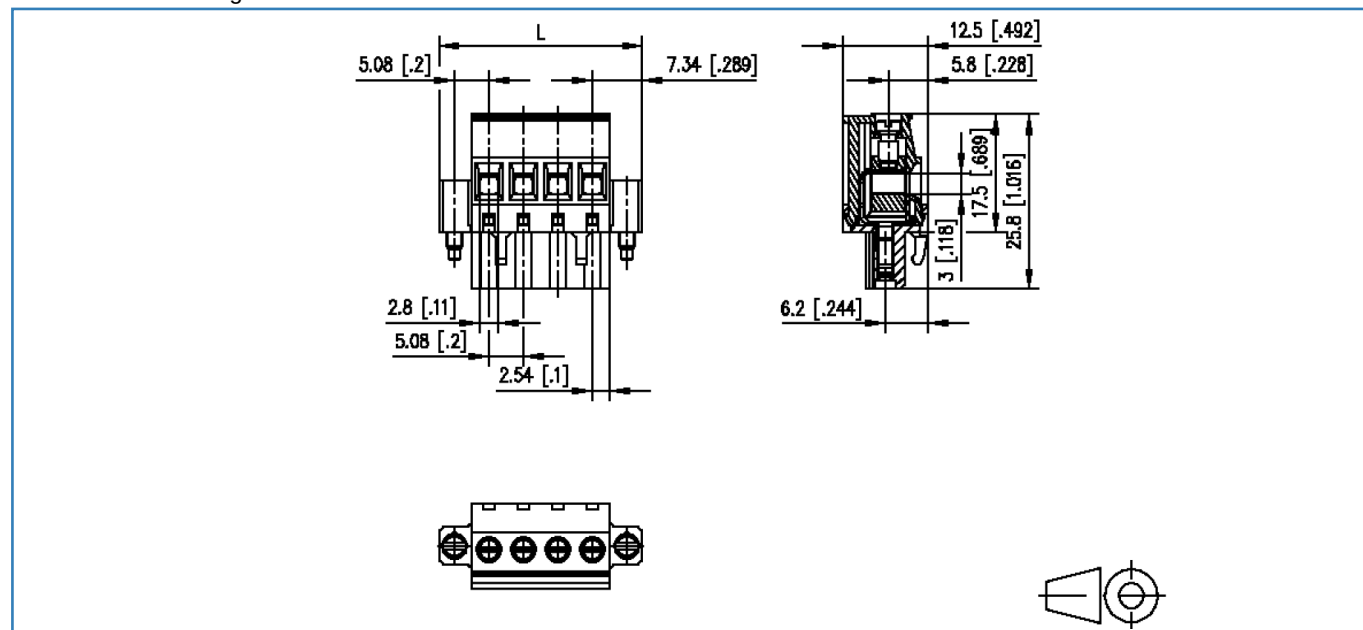
Counterpart

P/N	Designation
312351	PT116xxVBBF Typ 235
312361	PT116xxHBBF Typ 236



Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 14.68 \text{ mm} [0.578]$