

Data sheet

RP036xxHBLD Typ 214

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P/N

312141xx

xx=number of poles

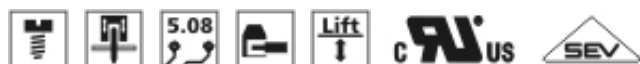
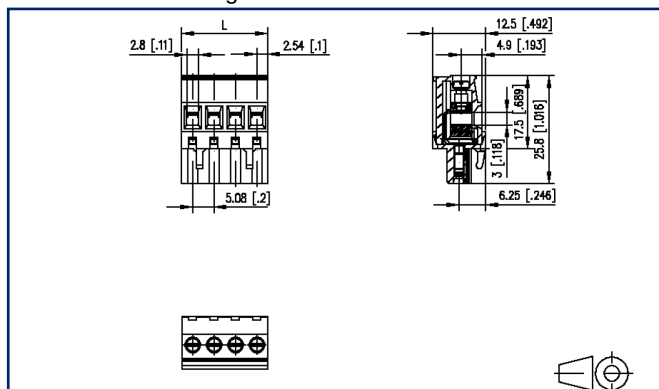
2022/04/05

Version: U

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, fittable without loss of poles
- color black
- wire entry codeable side perpendicular to plug direction



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Technical Data

General Data

Tightening torque SEV	0.5 Nm		
Tightening torque UL	4.4 lb-in		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	3.2 mm		
Protection category	IP20		
Min. insul. strip length	8 mm		
Rated current	12 A		
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

Terminal 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 / 12 / 28 - 12
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approval UL - File No.	E121004
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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 thread	M3
terminal body material	CuZnPb
terminal body surface	Ni
screw thread	M3
screw material	8,8
screw surface	Zn Cr(VI)-frei/free

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Technical Data

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	compliant
REACH - substance (SVHC)	Lead / 7439-92-1

Climatic 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	Coding star white with a group of 6 coding pins

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Counterpart

P/N	Designation
311781	PR066xxHBBN Typ 178
311791	PR066xxVBBN Typ 179
312191	PT116xxVBEC Typ 219
312201	PT116xxVBBN Typ 220
312291	PT116xxHBEC Typ 229
312301	PT116xxHBBN Typ 230
312861	PT166xxVGDN Typ 286
312881	PT166xxHGDN Typ 288
314781	PR066xxHBEC Typ 478
314791	PR066xxVBEC Typ 479

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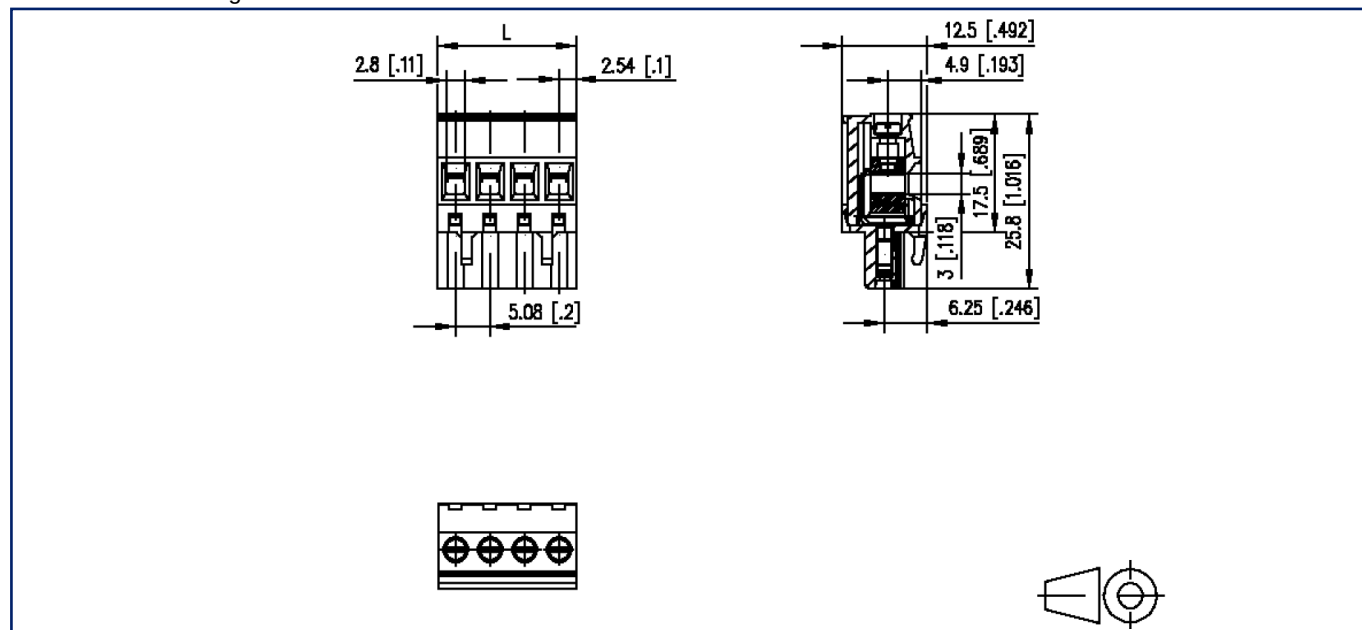
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$L = (\text{pole size} - 1) \times \text{centerline} + 5.08 \text{ mm} [0.2]$

