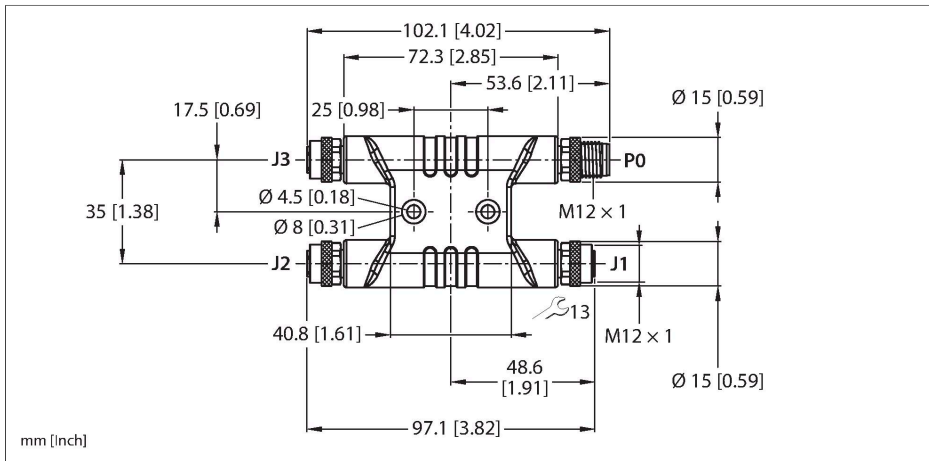


# BH-RKP/RSP/2RKP46PS

## M12 Power Junction System – Large H Splitter



### Technical data

Type	BH-RKP/RSP/2RKP46PS
ID no.	100022281
Distributed I/O	H-splitter
Housing	Plastic, TPU
Connector A	Male, M12 × 1, S-code
Design specification	Acc. to IEC 61076-2-111
Number of Pins	3+PE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	0.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	2
Protection class (When coupled)	IP65, IP67, IP68
Connector B	Female, M12 × 1, S-code
Design specification	Acc. to IEC 61076-2-111
Number of contacts	3+PE
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Coupling nut	Brass, CuZn, Nickel-plated
Seal	O ring, Plastic, FKM/FPM
Tightening torque	0.8 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	2

### Features

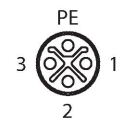
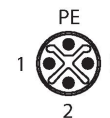


- M12-Stecker, 3x M12-Kupplung
- 3-polig + PE, S-codiert
- UL-Zulassung
- CE- und RoHS-konform
- Schutzart: IP65, IP67, IP68

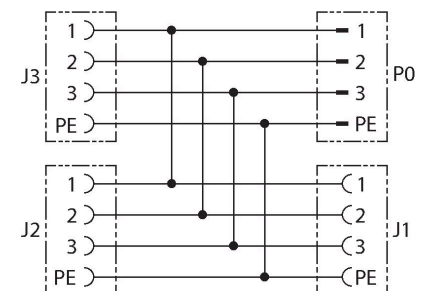
### Contact assignment

Connector A (P0)

Connector B (J1-3)



### Diagram



**Technical data**

Protection class (When coupled)	IP65, IP67, IP68
<b>Electrical properties at +20 °C</b>	
Rated voltage	600 VAC
Current	12 A
<b>Mechanical and chemical properties</b>	
Ambient temperature range (static)	-30 °C...+90 °C
<b>Note</b>	
	- CAUTION: RISK OF ELECTRICAL SHOCK. DO NOT DISCONNECT UNDER LOAD.
	- We reserve the right to make technical alterations without prior notice.

**Derating Curve**

