

PBS-300

BARTEC

High profile single entry point power connection kit for PSB/MSB/HSB cable with stand and junction box on pipe with 6 AWG Terminals for ordinary and hazardous environments

Technical Data

Ambient temperature range	-40°F to 131°F / -40°C to 55°C
Min. installation temperature	-67°F / -55°C
Max. operating temperature end seal	PSB: 185°F / 85°C
	MSB: 392°F / 200°C
	HSB: 374°F / 190°C
Power supply	Max. 277 Vac
Protection classification	Class I, Div 2 Group A, B, C, D Class II, Div 2 Group E, F, G Class III
Ingress protection	NEMA Type 4X / IP65
Conduit entry size	PBS-300-A: 3/4"
	PBS-300-A10: 1"
Max. power conductor size	PBS-300-A: 10 AWG (6 mm ²)
	PBS-300-A10: 6 AWG (10 mm ²)
Terminals	Spring clamp Ex e, 2x3 lines, 1x3 PE

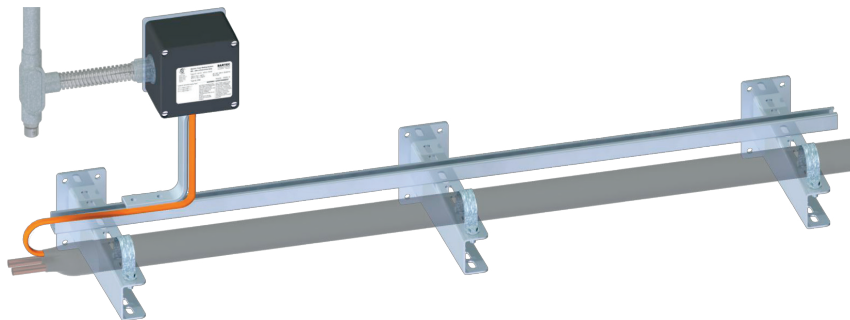


Certifications / Approvals



PBS-300-A | PBS-300-A10 Single power entry junction box for BARTEC PSB, MSB or HSB trace heaters

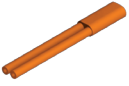











PBS-300-A | PBS-300-A10 Single power entry junction box



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Kit Contents

The following table lists the kit contents of the PBS-300-A | PBS-300-A10 Single power entry junction box²:

						
1 x Silicone pants	1 x End seal	1 x Green/yellow tube for grounding braid	1 x Bonding jumper	1 x Metallic gland body	1 x "P"-Grommet for PSB trace heaters	1 x "H"-Grommet for MSB or HSB trace heaters
						
1 x Fixing nut	1 x Lock nut for gland body	1 x Silicone adhesive	1 x Cover for junction box incl. 4 fixing screws	1 x Junction box with connection terminals «-A» junction boxes 4.8 x 4.7" (122 x 120 mm) «-A10» junction boxes 6.3 x 6.3" (160 x 160 mm)		

²Note that the illustrations might vary depending on whether you use the PBS-300-A or the PBS-300-A10 kit.