Roxtec HD cable transit devices

HIGH DENSITY CABLE ENTRY SOLUTIONS FOR TERMINAL
BOXES AND ENCLOSURES

We Seal Your World™

Ready for harsh environments

Roxtec HD cable transit devices are designed as fit-for-purpose solutions for applications where high cable densities exist with high demands. The innovative cable entry system provides protection in the most harsh of environments and is available in versions for use in potentially explosive atmospheres as well as for non-hazardous locations. It consists of an AISI 316L acid-proof, stainless steel frame and components such as Roxtec sealing modules, making it easily adapted to cables of different sizes.

Save space and money

With this high density cable entry solution, you can route and seal multiple cables in just one opening. A single cut-out for a Roxtec HD kit can accommodate up to 32 cables, drastically reducing the amount of space required when compared to 32 traditional cable glands.

More cables, less cabinet

The Roxtec HD provides options and benefits for designers and manufacturers using Ex e or Ex tb rated as well as other terminal and junction boxes by allowing the quantity, size and weight of the enclosures to be greatly reduced. You improve space efficiency and

cost-effectiveness by cutting weight by half and by increasing cable capacity by up to 40 percent when compared to cable glands!

Simplify design and installation

An important feature for designers, engineers and installers is the time-saving simplicity of the Roxtec HD device. The adaptability of the modules allows you to specify and design cable entries even before final cable schedules are complete. Designers can use the web-based tool Roxtec Transit Designer™ to plan the cut-out instead of spending time on designing detailed cable configurations. Installers appreciate the flexibility that helps them handle any surprise regarding cable sizes in the field. If the cable schedule changes, the installer simply adjusts the modules to achieve a perfect fit.

Accommodates any cable type

The Roxtec HD meets cable schedule requirements and can accommodate different cable types – smooth, corrugated, armored and non-armored. For an efficient method to manage high quantities of cable and to reduce risk in all phases, specify Roxtec HD!

Replace your cable glands

The Roxtec HD is certified as a replacement to cable glands. Use it for cabinets and enclosures in hazardous or non-hazardous locations to ensure safety, efficiency and operational reliability.

WHY USE ROXTEC?

- Tested and approved for extreme environments (–60°C to +80°C)
- Simple, single cut-out design for up to 32 cables
- Easy to use with armored or non-armored cables
- Complimentary web-based design tool available
- Ready and flexible for changing cable schedules
- Multidiameter™ by Roxtec – modules with removable layers allow last-minutes changes to varying cable sizes

Solutions for hazardous locations

HD 32/8 Ex   HD 32/20 Ex   HD 32/32 Ex

⟨Ex⟩ Roxtec HD 32 Ex

Cert. No: IECEx PRE 15.0021X, Presafe 15 ATEX 6419X **ATEX:** II 2G Ex e IIC Gb / II 2D Ex tb IIIC Db, **IP Class:** 66/67, **Temp:** –60 – +80°C

Name	Number of cables/pipes	Diameter range and number of cables/pipes		External dimensions HxW (mm)	(in)	Weight (kg)	(lb)	Art. No
		0+9.5-31.5 mm 0+0.37-1.24"	0+3.5-15.5 mm 0+0.0.14-0.61"					
HD 32/8 Ex	8	8		236 x 130	9.3 x 5.1	3	6.8	165191
HD 32/20 Ex	20	4	16	236 x 130	9.3 x 5.1	3	6.8	165193
HD 32/32 Ex	32		32	236 x 130	9.3 x 5.1	3	6.8	165194

Tested according to UL/NEMA 4, 4X

⟨Ex⟩ Roxtec HD 32 BG™ Ex – for use with armored cables

Cert. No: IECEx PRE 15.0021X, Presafe 15 ATEX 6419X **ATEX:** II 2G Ex e IIC Gb / II 2D Ex tb IIIC Db, **IP Class:** 66/67, **Temp:** –60 – +80°C

Name	Number of cables/pipes	Diameter range and number of cables/pipes		External dimensions HxW (mm)	(in)	Weight (kg)	(lb)	Art. No
		0+9.5-31.5 mm 0+0.37-1.24"	0+3.5-15.5 mm 0+0.0.14-0.61"					
HD 32/8 BG Ex	8	8		236 x 130	9.3 x 5.1	3	6.8	165195
HD 32/20 BG Ex	20	4	16	236 x 130	9.3 x 5.1	3	6.8	165196
HD 32/32 BG Ex	32		32	236 x 130	9.3 x 5.1	3	6.8	165197

Tested according to UL/NEMA 4, 4X

Solutions for non-hazardous locations

HD 32/8   HD 32/20   HD 32/32

Roxtec HD 32

Name	Number of cables/pipes	Diameter range and number of cables/pipes		External dimensions HxW (mm)	(in)	Weight (kg)	(lb)	Art. No
		0+9.5-31.5 mm 0+0.37-1.24"	0+3.5-15.5 mm 0+0.0.14-0.61"					
HD 32/8	8	8		236 x 130	9.3 x 5.1	3	6.8	112276
HD 32/20	20	4	16	236 x 130	9.3 x 5.1	3	6.8	112278
HD 32/32	32		32	236 x 130	9.3 x 5.1	3	6.8	112279

Ratings: IP 66/67, UL/NEMA 4, 4X, 12, 13

Roxtec HD 32 BG™ – for use with armored cables

Name	Number of cables/pipes	Diameter range and number of cables/pipes		External dimensions HxW (mm)	(in)	Weight (kg)	(lb)	Art. No
		0+9.5-31.5 mm 0+0.37-1.24"	0+3.5-15.5 mm 0+0.0.14-0.61"					
HD 32/8 BG	8	8		236 x 130	9.3 x 5.1	3	6.8	120373
HD 32/20 BG	20	4	16	236 x 130	9.3 x 5.1	3	6.8	120376
HD 32/32 BG	32		32	236 x 130	9.3 x 5.1	3	6.8	120374

Ratings: IP 66/67, UL/NEMA 4, 4X, 12, 13