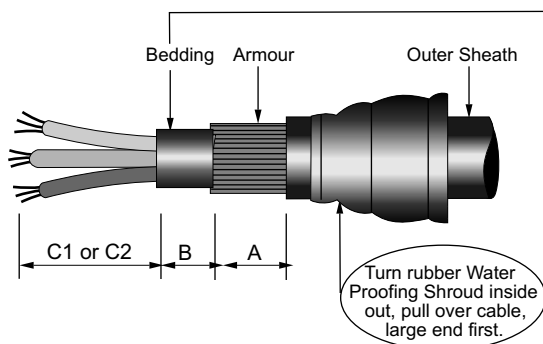


### 1 CABLE PREPARATION

This Pratley Ex e/n Aluminium Alloy Cable Box is supplied with built in glands for armoured cable. (Unarmoured cable is also easily accommodated by using Compression Conversion Kits).

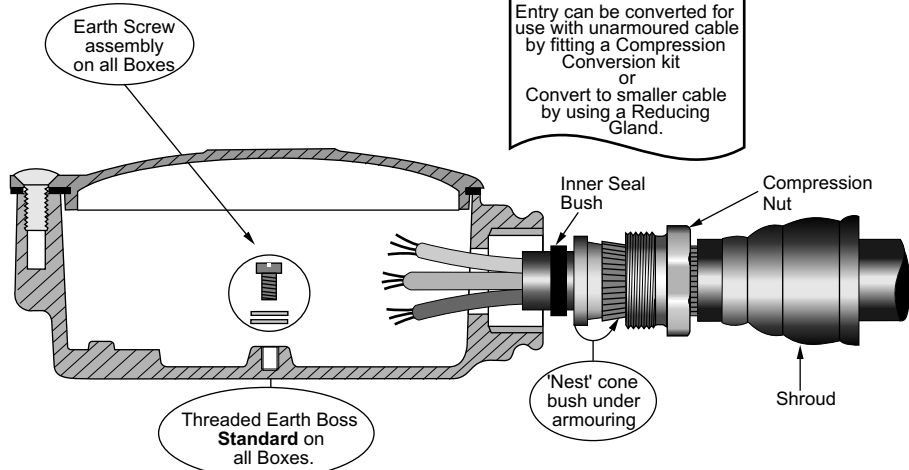


SELECTION CHART			
Dimens. mm	Box/Gland Size		
	0	1	2
A	22,0	27,0	35,0
B	9,0	9,0	10,0
*C1	120	140	180
*C2	260	290	370
Min	8,0	12,7	15,8
Max	12,6	15,7	20,4

\*C1 When using Non-Sparking End Connectors  
\*C2 When using Kwikbloks

CERTIFICATION	
Ex e II T6 Ex nA II T6 DIP A Ta=53°C IP68 (2m-cont.)	<p>SANS IEC 60079-0 SANS IEC 60079-7 SANS IEC 60079-15 SANS IEC 61241 SANS IEC 60529</p>
<p>• SUITABLE FOR USE IN ZONE 1, 2, 21 &amp; 22. • I.A. No. S/05-014</p>	

### 2 "BUILT IN GLAND" TERMINATION



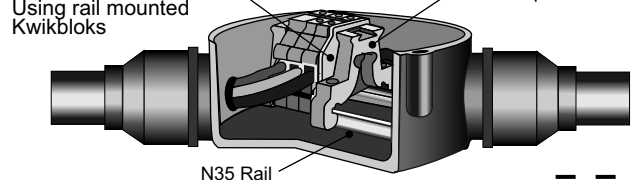
**INFORMATION NOTE:**  
Entry can be converted for use with unarmoured cable by fitting a Compression Conversion kit or Convert to smaller cable by using a Reducing Gland.

### 3 SUGGESTED CONNECTING METHODS (See Method 1 and Method 2 below)

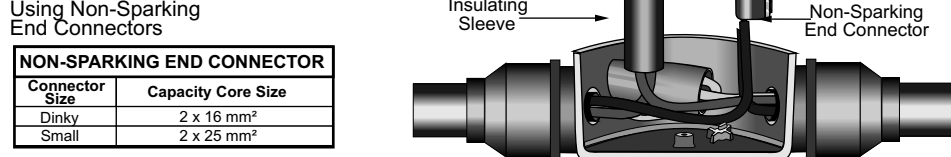
Box Size	NUMBER OF KWIKBLOKS PER ALUMINIUM ALLOY BOX							
	IK 3 750/800V 27 A		IK 5 750/800V 36 A		IK 10 750/800V 67 A		IK 16 750/800V 87 A	
	Ex e IK 3 550V 15 A	Ex e IK 5 550V 21 A	Ex e IK 10 550V 37 A	Ex e IK 16 550V 47 A	Max	Prac	Max	Prac
0	8	8	6	5	-	-	-	-
1	11	10	9	8	6	6	-	-
2	17	16	14	14	10	8	8	8

Max.= Number of Kwikbloks that can be fitted.  
Prac.= Practical number of Kwikbloks to be fitted

#### Method 1

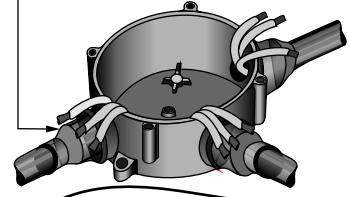


#### Method 2



NON-SPARKING END CONNECTOR	
Connector Size	Capacity Core Size
Dinky	2 x 16 mm <sup>2</sup>
Small	2 x 25 mm <sup>2</sup>

Fit cables by pushing in cable well and tighten Compression Nut.  
Fit shrouds by rolling them the right way around.  
Bend 'tails' back out of the way.



**INFORMATION NOTE:-**  
In zone 21 & 22 areas, conductors can be terminated with Pratley Non-Sparking End Connectors or with rail mounted Kwikbloks.

Saw off excess 'tails'

### 4 FIT THE LID AND TIGHTEN

**CONGRATULATIONS!**  
You now have a safe Ex e/n & IP68 Junction.

### ACCESSORIES

<h4>REDUCING GLANDS &amp; SHROUDS FOR USE WITH SMALLER CABLE</h4> <p>Remove all original gland parts from Box entry</p> <p>Fit Reducing Gland and Shroud, after which the smaller armoured cable can be fitted in the normal way. (See selection chart for gland size)</p>	<h4>COMPRESSION CONVERSION KIT FOR USE WITH UNARMOURED CABLE</h4> <p>Discard</p> <p>All "S" kit sizes have 1 Bush 1 Retaining washer and 1 Tapered washer "L" kits have no retaining washer.</p>	<h4>BLANKING PLUGS</h4> <p>Brass Tufflon</p>
<h4>COMPRESSION CONVERSION KIT FOR INSTRUMENTATION CABLE</h4> <p>Fit</p>	<h4>CONDUIT ADAPTOR</h4> <p>Remove all original gland parts and screw in Conduit Adaptor</p>	<h4>ALUMINIUM ALLOY CUT OUT MOUNTING LID FOR N° 2 BOX</h4> <p>80 mm SQ</p>
		<h4>POLYCARBONATE LID</h4> <p>REPLACEMENT GASKET</p>