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## G2 Range of Cast Enclosures and Custom Built Control Panels

### Certification and Approval

- **Certification Code** Ex d II 2 GD IIB T4, T5 or T6 (contents dependant)
- **Certification number** Demko 03 ATEX 134333X ITS 09 ATEX 16436U
- **Certification standard** EN 50014, EN 50018. EN 60079.
- **Operating temperature** -20°C to +40°C
- **Protection** IP65 / IP66

### Features

- High quality heavy duty cast enclosures
- Wide size range for efficient use of space
- Close coupling option for Isolation unit if required.
- Cable entries M20 to M75.

### Ordering Equipment - information required

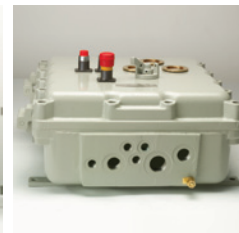
- Kilowatt rating - Full load current
- Cable entry size - Cable size
- Cable entry quantity - Voltage and frequency
- Starter type, DOL, Star Delta, Reversing 2 speed etc
- Other specific requirements

### Standard Ranges

Motor starters	0.25kw to 350kw Direct on Line, Star Delta and Reversing
Optional Extras	<ul style="list-style-type: none"> <li>• Isolators</li> <li>• Status Indicators</li> <li>• Transformers Relays</li> <li>• Fuses</li> <li>• switches</li> </ul>
Distribution	<ul style="list-style-type: none"> <li>• Up to 600A</li> <li>• MCB/MCCB panels</li> <li>• RCCD protection</li> <li>• Fuse boards</li> <li>• Isolator/switch disconnectors</li> </ul>
G21 Units	Control stations up to 4 gang with shrouded or mushroom head and stay put options Switches up to 6 pole 10 amp or 3 pole 24 amp.
Finish	2 pack grey epoxy coating over etching primer. Other colours at additional cost.

### Viewing Windows

Code	Viewing Diameter
W2	22mm
W3	45mm
W4	70mm
W5	105mm



Typical panels

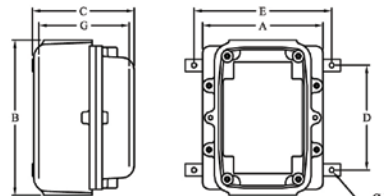
Cable entry positioning

Starter isolator

### Dimensions and Weights

Code	Material	External Dimension				Mounting Dimension			Weight Kg
		A	B	C	D	E	F	G	
G2-21	Fe	180	155	145	130	195	7	100	9
G2-22	Fe	205	205	156	160	230	9	117	19
G2-26	Fe	416	456	228	300	410	14	169	50
G2-23	Al	248	316	211	218	230	9	167	13
G2-24	Al	321	361	228	291	320	11	179	21
G2-25	Al	366	406	228	250	370	11	177	25
G2-27	Al	486	516	228	350	480	14	169	49
G2-28	Al	586	670	294	480	580	14	216	96

Typical Enclosure Arrangement



A = Box Width  
B = Box Height  
C = Box Depth  
D = Fixing Centre Height  
E = Fixing Centre Width  
F = Diameter Of Fixing Holes  
G = Internal Depth From Base Plate

NB.  
Enclosures Can Be Close Coupled Together  
At Either End