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G20 Series Motor Starters and Isolators

Certification and Approval

- **Certification Code**
EEx 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

- 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

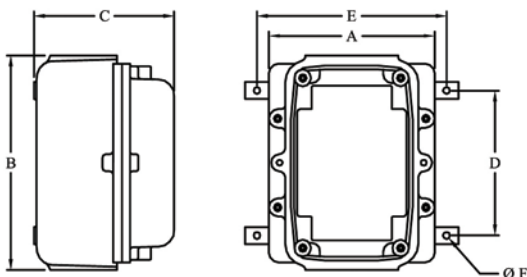
Ordering Equipment - information required

- 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	Isolators, Status Indicators, Transformers Relays, Fuses, switches
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

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

NB.
Enclosures Can Be Close Coupled Together
At Either End



G27 and G23 control panels



G21 starter



Socket G23 starter isolator



Cable entry positioning

Dimensional table

		a	b	c	d	e	f	Wt kgs
G21	Fe	180	155	145	130	195	7	9
G22	Fe	205	205	156	160	230	9	19
G23	Al	248	316	211	218	230	14	13
G24	Al	321	361	228	291	320	9	21
G25	Al	366	406	228	250	370	11	25
G26	Fe	416	456	228	300	410	11	50
G27	Al	486	516	228	350	480	14	49
G28	Al	586	670	294	480	580	14	96

Viewing Windows

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

EExd IIB Standard Units

Direct on Line Starters	Without Isolator	Supply
5.5 KW	S1/G21/5.5	415/3/50
7.5 KW	S1/G21/7.5	415/3/50
11 KW	S1/G22/11	415/3/50
15 KW	S1/G22/15	415/3/50
22 KW	S1/G23/22	415/3/50
30 KW	S1/G23/30	415/3/50
37 KW	S1/G24/37	415/3/50
55 KW	S1/G24/55	415/3/50
Direct on Line Starters	With Isolator	Supply
5.5 KW	S1X/G22/5.5	415/3/50
7.5 KW	S1X/G22/7.5	415/3/50
11 KW	S1X/G23/11	415/3/50
15 KW	S1X/G23/15	415/3/50
22 KW	S1X/G24/22	415/3/50
30 KW	S1X/G24/30	415/3/50
37 KW	S1X/G24/37	415/3/50
55 KW	S1X/G25/55	415/3/50
Star Delta Starters	Without Isolators	Supply
11 KW	S5/G24/11	415/3/50
15 KW	S5/G24/15	415/3/50
22 KW	S5/G25/22	415/3/50
30 KW	S5/G25/30	415/3/50
37 KW	S5/G25/37	415/3/50
55 KW	S5/G27/55	415/3/50
Star Delta Starters	With Isolator	Supply
11 KW	S5X/G24/11	415/3/50
15 KW	S5X/G24/15	415/3/50
22 KW	S5X/G25/22	415/3/50
30 KW	S5X/G25/30	415/3/50
37 KW	S5X/G25/37	415/3/50
55 KW	S5X/G27/55	415/3/50