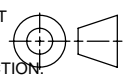


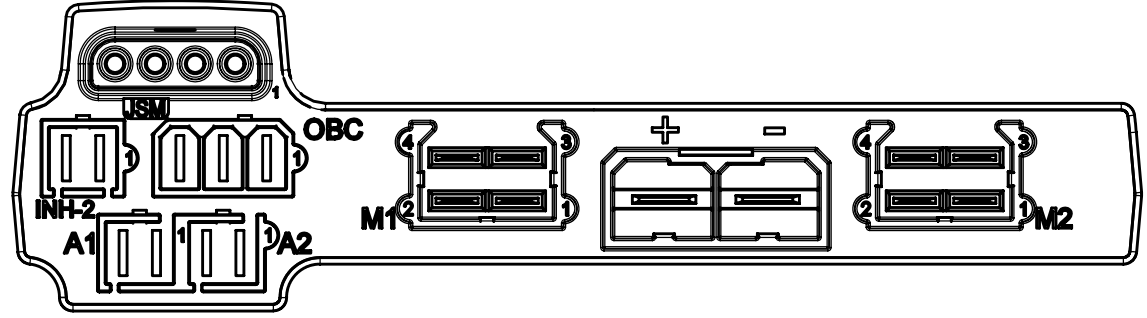
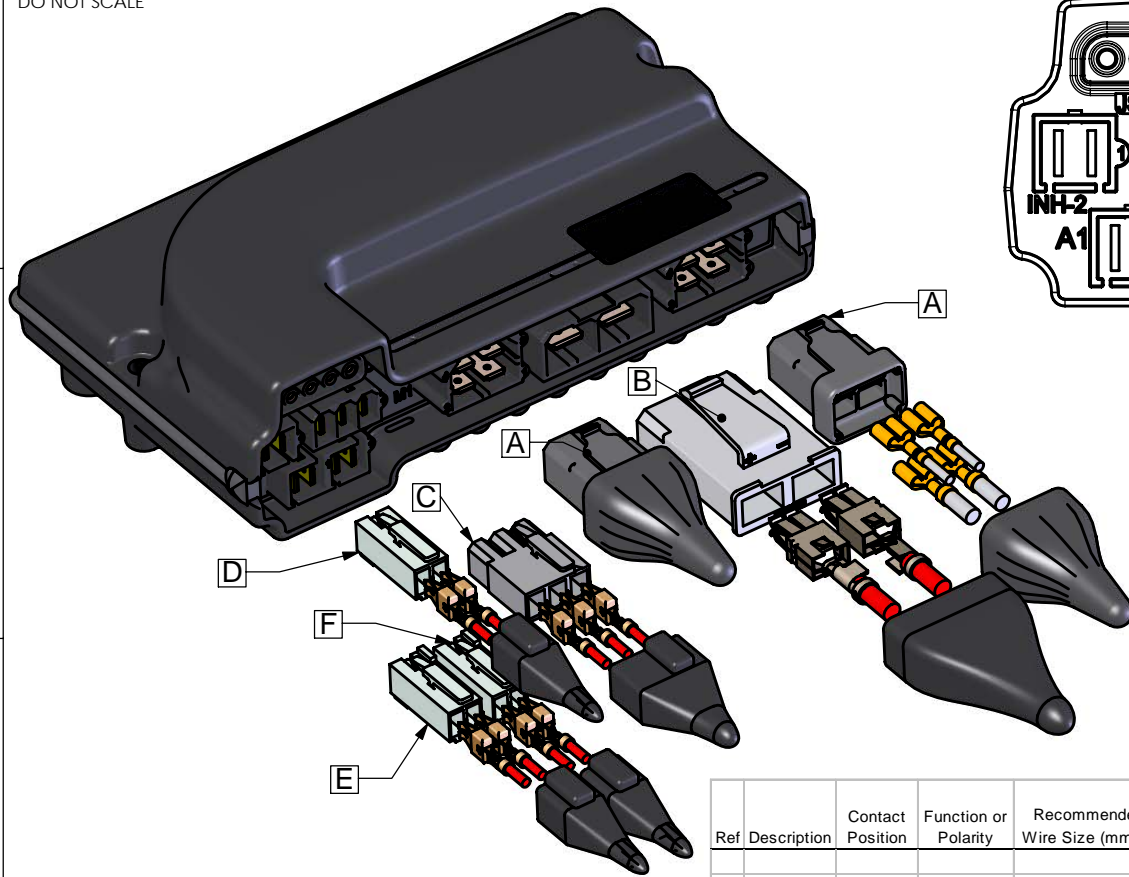
DRAWING No.
-

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE THE CONFIDENTIAL AND COPYRIGHT PROPERTY OF PG DRIVES TECHNOLOGY AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR ANY OTHER PURPOSE WITHOUT WRITTEN PERMISSION.

DESIGN COPYRIGHT RESERVED.
DRAWN TO BS8888.
THIRD ANGLE PROJECTION.



DO NOT SCALE



* Wiring: Tri-Rated PVC Insulated Equipment Wire, Rated at 105°C

Ref	Description	Contact Position	Function or Polarity	Recommended Wire Size (mm ²) *	Contact Part No		Contact Housing Part No		Boot Part No		Connector Kit (Housing, Contacts & Boot)	
					AMP	Intech	PGDT	Intech	AMP	PGDT	Intech	PGDT
A	Motor M1 (L) & M2 (R)	1	Motor -	4.0 (70A) 2.5 (50A)	160914-2	TRM-160914-2-M	P77940	MLD-P77940-MH	P77941	MLD-P77941-MB	D50750 (2 sets M1 + M2)	IPG-7401-PS
		2	Motor +		0.5	280095-2						
		3	Brake -	0.5		280095-2						
		4	Brake +									
B	Battery Power	+	+24V	6.0 (70A) 4.0 (50A)	962931-1	CON-PT-MAX-6.0	P77866	MLD-P77866-BH	P77870	MLD-P77870-BB	D50751	IPG-7201-PS
		-	0V	6.0 (70A) 4.0 (50A)								
C	On Board Charger OBC	1	Charge +	1.0	927831-1	CON-PT-STD-1.0-AMP (strip) or CON-PT-STD-1.0 (loose)	P77867	MLD-P77867-CH	P77868	MLD-P77868-CB	D50752	IPG-7301-PS
		2	Inhibit 3	0.5								
		3	Charge 0V	1.0								
D	Inhibit 2 INH-2	1	0V	0.5	927832-1	CON-PT-STD-1.0-AMP (strip) or CON-PT-STD-1.0 (loose)	P77869	MLD-P77869-AB	P77869	MLD-P77869-AB	D50753	IPG-8201-PS
		2	Inhibit 2	0.5								
E	Actuator A1	1	-	1.0	927832-1	CON-PT-STD-1.0-AMP (strip) or CON-PT-STD-1.0 (loose)	P77869	MLD-P77869-AB	P77869	MLD-P77869-AB	D50754	IPG-8202-PS
		2	+	1.0								
F	Actuator A2	1	-	1.0	927832-1	CON-PT-STD-1.0-AMP (strip) or CON-PT-STD-1.0 (loose)	P77869	MLD-P77869-AB	P77869	MLD-P77869-AB	D50754	IPG-8202-PS
		2	+	1.0								

APPROVED APR
CHECKED CHK
DRAWN C.DOWNS

PG DRIVES TECHNOLOGY
1 Airspeed Road, Christchurch, Dorset. UK. BH23 4HD
www.pgdt.com

FIRST USED ON VR2	DIMS mm	ORIGINAL SCALE 1:5
FINISH -	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0.00 DIMS ±0.1 0.0 DIMS ±0.25 0 DIMS ±0.5 ANG ±2°	
MATERIAL -		

D	29.03.05	INHIBIT 2 CONNECTIONS REVERSED	C.DOWNS
C	22.02.05	TYCO AND INTECH PART Nos FOR MOTOR FASTONS CHANGED	C.DOWNS
TITLE VR2 Power Module			SIZE A3
			SHEET 3 of 3
			DRAWING No. -