



SPECIFICATION	CONNECTION	DELTA	INPUT CONNECTION	PERMISSIBLE RADIAL+AXIAL FORCE	X1/Phoenix MINI COMBICON Double-Level	X2 AND X3/JST GH 4 POLE																																				
NO. OF POL./PHASE		8/3			<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Function</th> </tr> </thead> <tbody> <tr><td>a1</td><td>GND</td></tr> <tr><td>a2</td><td>+UB (12-24V)</td></tr> <tr><td>a3</td><td>INPUT 1 (5V/24V)</td></tr> <tr><td>a4</td><td>INPUT 2 (5V/24V)</td></tr> <tr><td>a5</td><td>INPUT 3 (5V/24V)</td></tr> <tr><td>a6</td><td>INPUT 4 (5V/24V)</td></tr> <tr><td>b1</td><td>GND</td></tr> <tr><td>b2</td><td>+10V VOLTAGE SUPPLY</td></tr> <tr><td>b3</td><td>ANALOG INPUT (0-10V/0-20mA)</td></tr> <tr><td>b4</td><td>OUTPUT 1 (open drain)</td></tr> <tr><td>b5</td><td>OUTPUT 2 (open drain)</td></tr> <tr><td>b6</td><td>OUTPUT 3 (open drain)</td></tr> </tbody> </table>	Pin No.	Function	a1	GND	a2	+UB (12-24V)	a3	INPUT 1 (5V/24V)	a4	INPUT 2 (5V/24V)	a5	INPUT 3 (5V/24V)	a6	INPUT 4 (5V/24V)	b1	GND	b2	+10V VOLTAGE SUPPLY	b3	ANALOG INPUT (0-10V/0-20mA)	b4	OUTPUT 1 (open drain)	b5	OUTPUT 2 (open drain)	b6	OUTPUT 3 (open drain)	<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Function</th> </tr> </thead> <tbody> <tr><td>1</td><td>+UB_LOGIC(24V)</td></tr> <tr><td>2</td><td>CAN+</td></tr> <tr><td>3</td><td>CAN-</td></tr> <tr><td>4</td><td>GND</td></tr> </tbody> </table>	Pin No.	Function	1	+UB_LOGIC(24V)	2	CAN+	3	CAN-	4	GND
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VOLTAGE RATED (VDC)		24																																								
CURRENT RATED/PEAK (AMP)		3.47/10.6																																								
TORQUE RATED/PEAK (Nm)		0.125/0.38																																								
POWER RATED (W)		52.5																																								
SPEED RATED/NO LOAD (RPM)		4000/6000																																								
ROTOR INERTIA (Kg-m ²)		4.8x10 ⁻⁶																																								
WEIGHT (Kg)		0.48																																								

OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C			AXIAL-FORCE Fa (N)	Fa=10	
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]			DISTANCE a (mm)	20	
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)			RADIAL-FORCE Fr (N)	28	
INSULATION CLASS B 130° [266°F]					AXIAL
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)			SHAFT PLAY (mm)	0.1	0.02
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)			AT LOAD MAX: (N)	30	4.5

D	-	14.01.16	A.S.		APVD	X.W.	26.01.15	PLUG&DRIVE MOTOR	
C	-	08.12.15	A.S.		CHKD				
B	-	18.11.15	A.S.		DRN	J.D.	26.01.15	DWG.NO	
REV	DESCRIPTION	DATE	DRN	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	SIGNATURE	DATE	PD2-CB42M024040-E-08