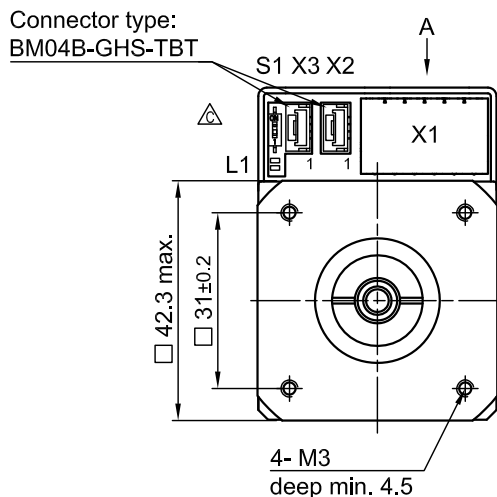
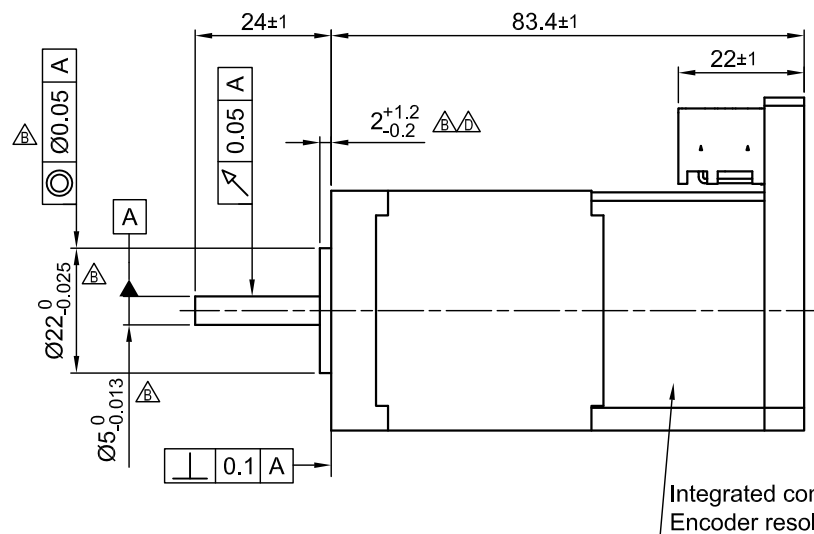


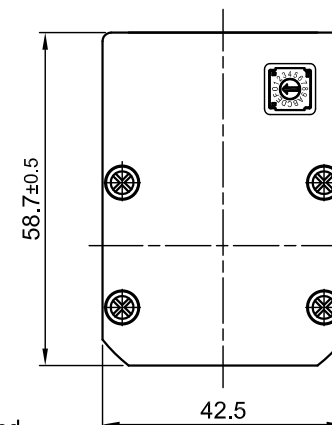
Front view and mounting



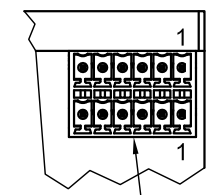
Side view



Rear view



DETAIL A



CONNECTION		DELTA		INPUT CONNECTION		PERMISSIBLE RADIAL+AXIAL FORCE			X1/Phoenix MINI COMBICON Double-Level		X2 AND X3/JST GH 4 POLE																																			
SPECIFICATION									<table><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><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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NO. OF POL./PHASE		8/3																																												
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-m²)		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		RADIAL																																				
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																																					
REV	DESCRIPTION	DATE	DRN	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	SIGNATURE		DATE		DWG.NO PD2-CB42M024040-CYAN																																			

Nanotec
PLUG & DRIVE

Surface
specification
DIN ISO 1302

General
tolerances
DIN ISO 2768- cH

Work piece
edge
DIN ISO 13715

APVD
CHKD
DRN
SIGNATURE

X.W.
J.D.
DATE

PLUG&DRIVE MOTOR

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PD2-CB42M024040-CYAN

X1/Phoenix MINI COMBICON Double-Level	
Pin No.	Function
a1	GND
a2	+UB (12-24V)
a3	INPUT 1 (5V/24V)
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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)
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X2 AND X3/JST GH 4 POLE	
Pin No.	Function
1	+UB_LOGIC(24V)
2	CAN+
3	CAN-
4	GND