



SPECIFICATION	CONNECTION	DELTA	INPUT CONNECTION	PERMISSIBLE RADIAL+AXIAL FORCE	X1 Power (M8, 3-Pole, A-coding, male)	X2 IO (M8, 5-Pole, B-coding, male)																				
NO. OF POL./PHASE		8/3			<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>+UB (12-48V)</td> </tr> <tr> <td>3</td> <td>GND</td> </tr> <tr> <td>4</td> <td>N.C.</td> </tr> </tbody> </table>	Pin No.	Function	1	+UB (12-48V)	3	GND	4	N.C.	<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>Input 1 (24V)</td> </tr> <tr> <td>3</td> <td>Input 2 (24V)</td> </tr> <tr> <td>4</td> <td>Output 1 (open drain)</td> </tr> <tr> <td>5</td> <td>Output 2 (open drain)</td> </tr> </tbody> </table>	Pin No.	Function	1	GND	2	Input 1 (24V)	3	Input 2 (24V)	4	Output 1 (open drain)	5	Output 2 (open drain)
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VOLTAGE RATED (VDC)		48																								
CURRENT RATED/PEAK (AMP)		3.3/10																								
TORQUE RATED/PEAK (Nm)		0.25/0.75																								
POWER RATED/PEAK (W)		105/315																								
SPEED RATED/NO LOAD (RPM)		4000/6500																								
ROTOR INERTIA (Kg-m ²)		9.6x10 ⁻⁶																								
WEIGHT (Kg)		0.9																								
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OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C	AXIAL-FORCE F_a (N)	$F_a=10$
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]	DISTANCE a (mm)	20
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	RADIAL-FORCE F_r (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

				APVD	<i>X.W.</i>	08.11.16	PLUG&DRIVE MOTOR
				CHKD			
Surface specification DIN ISO 1302 General tolerances DIN ISO 2768- cH Work piece edge DIN ISO 13715				DRN	<i>A.S.</i>	08.11.16	DWG.NO
				REV	DESCRIPTION	DATE	DRN