



SINGLE PHASE DC DRIVE



Power Source Specification	Input terminal 7,8 Input : 180 - 230V AC \pm 10% 50/60Hz Also available in 90-120V AC \pm 10% 50/60 Hz
Output Specification	Output terminal 9,10 Available in Two versions: DC output for armature 01-220V DC \pm 10% AC output for heater 1 phase control DC output for armature 01-110V DC \pm 10% w.r.t 110V AC input supply
Field Supply	DC output for Motor required Field Supply 220V DC -1A When motor permanent magnet Field Trip bypass setting is factory default
Suitable for	DC Motor up to 2HP Load AC & DC Heater
Reference	0 -10V DC or 4 - 20mA Reference Type Tone (Variable resistance 10K) PID Control Card output
Weight	Approx. : 1.00kg
Size	230 \times 110 \times 77 mm

Connection Terminal Description

Terminal	U3	U2	U1	U4																									
Parameter	DC DRIVE 1 Φ supply	DC output for armature	DC output for Field	Control Terminal																									
Detail	<table border="1" style="margin: auto;"> <tr><td>7</td><td>8</td></tr> <tr><td>L</td><td>N</td></tr> </table>	7	8	L	N	<table border="1" style="margin: auto;"> <tr><td>9</td><td>10</td></tr> <tr><td>A-</td><td>A+</td></tr> </table>	9	10	A-	A+	<table border="1" style="margin: auto;"> <tr><td>11</td><td>12</td></tr> <tr><td>F-</td><td>F+</td></tr> </table>	11	12	F-	F+	<table border="1" style="margin: auto;"> <tr> <td style="width: 30px;">1</td> <td style="width: 30px;">2</td> <td style="width: 30px;">3</td> </tr> <tr> <td>+10V DC</td> <td>Ref</td> <td>0V</td> </tr> <tr> <td colspan="3" style="text-align: center;">Analog Reference</td> </tr> </table> <table border="1" style="margin: auto;"> <tr><td>4</td><td>5</td></tr> <tr><td>CTR</td><td>GND</td></tr> </table>	1	2	3	+10V DC	Ref	0V	Analog Reference			4	5	CTR	GND
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	This terminal serves 3 main purposes <ul style="list-style-type: none"> Provides low volt power supply to internal control card Used for controlled Armature DC output Used for fixed DC field output 	This terminal is used for variable DC output server motor Armature volt	This terminal is used for motor motor required field supply It is also used for Fixed field supply DC	Analog reference is given to these pins to control or match the speed of motor to given reference. Also for motor and Heater. control, reference can be given to this <ul style="list-style-type: none"> Short Pin 4&5 to give run command to the motor. U2 is given DC armature output for the motor Pin 4&5 are opened for emergency stop of the motor 																									