

VARIABLE

FREQUENCY

Industrial

Fans



**YEN SHEN
ELECTRIC
IND.CO.,LTD**



www.yen-power.com

Advantage Description of **BLDC Motor** for **IEC or NEMA Size**

Single-phase /
three-phase power input

Speed setting connector

Speed adjustment(VR),
start signal output

Single-phase /
three-phase power input

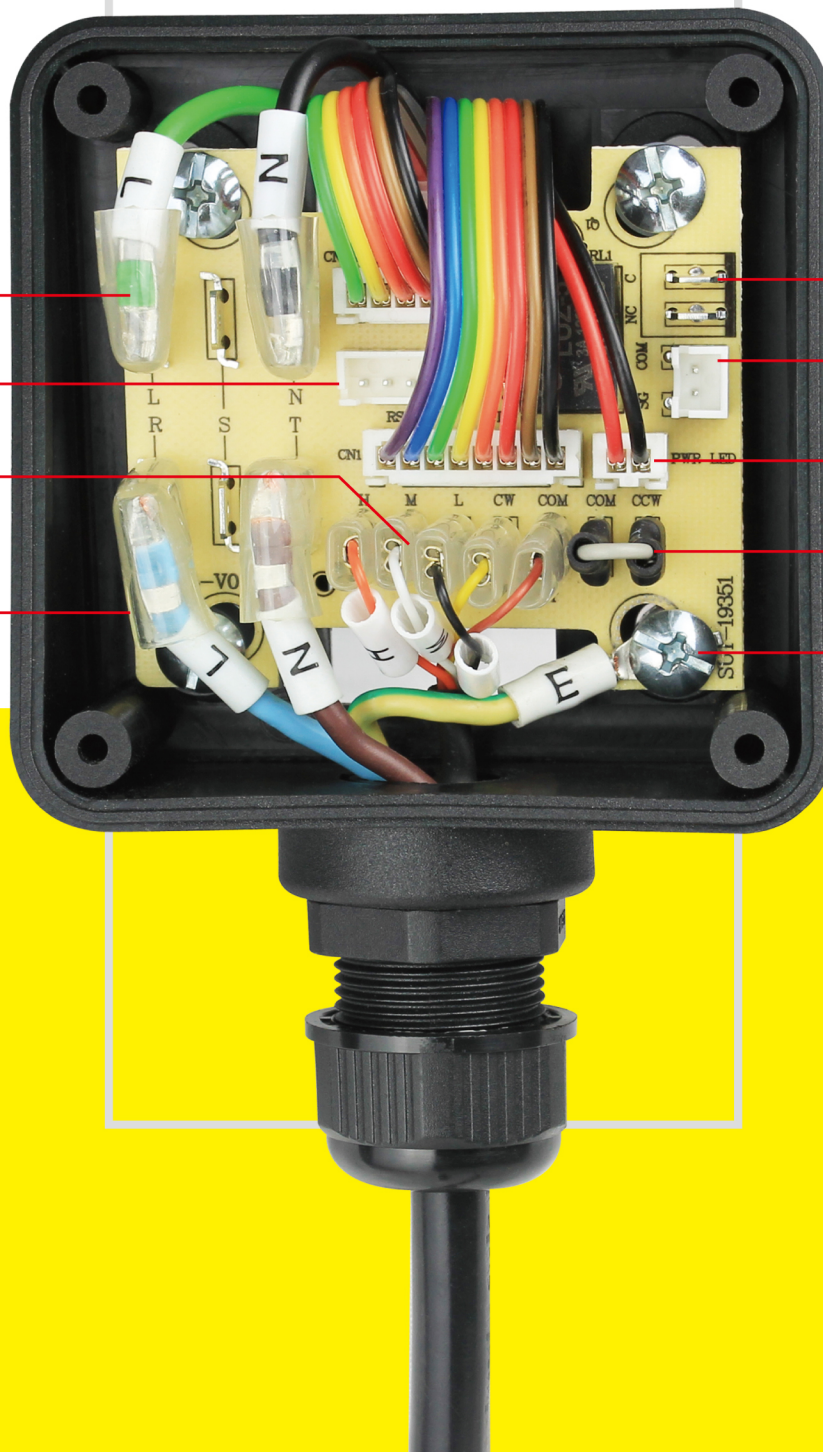
Fault signal output

Speed signal output

Power light output
+Fault Analysis lights

CW/CCW
signal output

Ground





Embedded drive of BLDC motor



IEC Motor Dimension & Performance

Frame/Output	EFF	Rated Speed	D1 assembly dimension						D2 assembly dimension						D3 assembly dimension						D4 assembly dimension								
			A		B		C		D		E		F		G		H		I		J		K		L		M		
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
63M-1.4kW	> 77%	3000 ± 10% ¹⁾ independent	100	80	40	23	7	124	11	23	123	100	110	140	12	3.5	75	60	30	35	2.5	220	102	160	120				
71M-1.5kW	> 82%		112	80	45	21	8	130	14	30	123	100	110	140	12	3.5	85	70	30	36	2.5	238	108	174	120				
80M-2.2kW	> 80%		125	100	50	20	9	151	19	40	150	100	130	160	12	3.5	100	80	30	36	3	270	120	205	140				
90M-3.0kW	> 82%		140	125	55	20	10	171	24	50	158	100	130	160	12	3.5	115	95	30	36	3	300	135	225	170				
			Horizontal mounting type						Vertical mounting type																				
			B3	B5	B6	B7	B8	B9	Y1	V1	V3	V5	V6	V7	V8	V9													