KELD | DRIVES — KMD SERIES

KMD2-0000GAG

Mounted Wall Drive

for EC Motors



Single Phase
IM, PM, BLDC, SynRM

>94% efficiency
at 230V / 2.2 kW

2.2 kW	IP66	90–265 Vac
3 HP	Aluminum enclosure	Single Phase
POWER OUTPUT	PROTECTION	VOLTAGE RANGE

CORE FEATURES

- Vectorial FOC Algorithm · Sensorless control
- Sinusoidal output · Natural cooling
- Designed for very hard environments
- Replaceable surge protection module

External Alarm multi-color LED
Customizable logo and housing
KMD APP available on the App Store (iOS) and Google Play (Android)

INPUTS & OUTPUTS

- Alarm Relay + Configurable Aux. Relay
- Start / Stop Input + Configurable Aux. input
- 0–10 V / 10–0 V Speed Regulation
- Motor Temp. Sensor (Pt100 / PTC / Clixon)

PROTECTIONS

Supply/Input

- Under/Overvoltage Protection
- Inrush-Current Protection

Motor/Output

- Short-Circuit Protection
- Overload Protection
- Locked-Rotor Protection
- Phase-Loss Protection

Internal

- Overtemperature Protection

TECHNICAL SPECIFICATIONS

Output Voltage

KMD2-0000GAG
0–265 Vac, 3-phase

Dimensions	210 x 288 x 161 mm
Mounting	Wall Mount
IP Protection	IP66
Power Supply	Single Phase 90–265 Vac 50/60 Hz
Power Factor	>99% (Active PFC)
Power Output	2.2 kW / 3 HP
Output Frequency	0–400 Hz
Output Current	8.4 Arms
Safety / EMC	EN 61800-5-1 · EN 61800-3
Approvals	CE · UL · RoHS
Humidity	10–90% (non-condensing)
Operating Temp.	-20°C to 40°C (derating >40°C)
Storage Temp.	-40°C to 60°C
Altitude	2000 m max. (derate >1000m: 1%/100m)

COMMUNICATIONS

Modbus RS-485	USB	Bluetooth	Optional BACnet
RTU protocol	Firmware Upgrade		

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