MECC ALTE ECP28-3S/4 C-TIPO ALTERNATORE TRIFASE 17,5 KVA AVR

Product description:

MECC ALTE ECP28-3S/4 C-TYPE ALTERNATOR 17.5KVA THREE-PHASE

Alternator MECC ALTE ECP28-3S/4 C-TYPE with an output of 17,5KVA, this unit has a self-exciting and self-regulating Brushless operation equipped with **DSR** voltage regulator.

The alternator ECP28-3S/4 C-TYPE is provided for operation at frequency 50 or 60 HZ, the possibility of working on these two frequencies makes it possible the application for any service voltage increasing its versatility, for the correct operation. For correct operation it is only necessary to verify that the calibrations are correct for the intended use.

MECC ALTE ECP28-3S/4 C-TYPE is supplied with 12 terminals (7 terminals), with which it is normally possible to connect the alternator both in series star and parallel star. According to the needs it is possible to pass from a connection to another one keeping in mind that it is necessary to verify the DSR.

ECP28-3S/4 can be used as single-phase depending on the needs. MECC ALTE ECP28-3S/4 is equipped with digital current regulator DSR . The regulator is suitable for operation on both three-phase and single-phase generators, allowing fast, accurate and reliable tuning.

All MECC ALTE ECP28 alternators have the MAUX auxiliary winding to power the DSR digital regulator. You can connect the DSR voltage regulator to your PC via the DxR2 USB interface and DxR TERMINAL software to query/download alarms and settings for analysis. The DSR has a built-in USB connection and can be connected to the PC. Other settings such as LAMS, external synchronous digital RAM-based control and soft start are achievable through the DxR.

The robust mechanical structure withstands up to 5G in any direction and 9G vertically, and its design allows easy access to connections and components during routine maintenance checks. The mechanical design used the most advanced
FEM techniques. The materials used are FEP12 steel for the frame, C45 steel for the shaft and

cast iron or pressure die-cast aluminum for the end supports.The fans are made of die-cast aluminum or fiberglass filled nylon, UL compliant materials. The rotors are dynamically balanced according to ISO 1940-1 grades 6.3 (up to Series 32) or 2.5 (Series 34 and up).

Select the alternator that reflects the **technical specifications you require**, visit our dedicated section to find out how.

TECHNICAL FEATURES OF 17.5VA ALTERNATOR MECC ALTE ECP28-3S/4 C-TYPE

Phase Type: Single Phase / Three Phase
ThreePhase Continuous Power: 17.5KVA / 14KW
ThreePhase Maximum Power: 19.2KVA / 15.2KW
SinglePhase Continuous Power: 11.5KVA / 11.5KW
SinglePhase Maximum Power: 12.5KVA / 12. 5KVA
Frequency: 50 / 60 Hz
Voltage: 230 V / 400 V
Protection class: IP23
Alternator speed: 1500 / 1800 rpm
Number of poles: 4
Efficiency: 87. 8%
Height: 460 mm
Max length: 493.8 mm
Max width: 466 mm
Weight: 96.9 Kg
Constant speed alternator
Brushless
Voltage regulator: DSR

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Images and technical data are not binding and subject to changes by the manufacturer

Product features:

Phase: Single phase / Three phase
Maximum power single phase (KW): 12.5
Continuous power single phase (KW): 11.5
Maximum power single phase (KVA): 12.5
Continuous power single phase (KVA): 11.5
Maximum power three phase (KW): 15.2
Continuous power three phase (KW): 14
Maximum power three phase (KVA): 19.2

Continuous power three phase (KVA): 17.5
Frequency (Hz): 50 / 60
Voltage (V): 230 / 400
Engine rpm (rpm): 1500 / 1800
Poles: 4
Single-phase power (KVA): 12.5
Three-phase power (KVA): 19.2
Efficiency (%): 87.8
Protection degree: IP23
Brushes: No
Type of alternator: Constant Speed
Voltage regulator: AVR
Weight (Kg): 31