Design
Instead of several splitted covers, the overall drive has just three main enclosures:
- Solid base block cast
- Single motor bell
- Main contacts cover.

Out-side-in connections removed
The motor and the solenoid cables are running totally within the main drive body and no more externally.
The solenoid is completely enclosed inside the main cover, instead of laying outside.
The motor has a single casting bell, instead of double bell plus terminal box.

Breather/Heater on Motor
The motor is equipped with a heater and a IP68 stainless steel breather to prevent humidity.
This feature was missing in both old generations.

High end IP68 connectors
The new drive, in the “IP68 version” realized for Australian and tropical markets, is embedded with IP68 certified connectors with surface treatment suitable for aggressive environment applications.

New window design
In the new BES7 the window glass, besides being sealed with O-ring, is totally enclosed in the main cover casting instead of laying outside as it was on former BES7 generations.

All O-rings gaskets
In the new BES7 no more flat gaskets are used; all the junctions are sealed using O-ring gaskets. Suitable also for geothermal area and ambient temperature until -60 °C.
Increased auxiliaries
The new drive is designed with a total of 32 auxiliary contacts, while the first and the second BES7 generations were equipped with only 18 and 22 auxiliary contacts respectively.

Electromechanical brake
For enhanced motion precision, the new BES7 motor comes with the electromagnetic brake.

Upgrade can be made even on Pass endowed with first generation BES7 drive by bringing appropriate modifications.

For further information, please contact:

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