Hybrid Dual-Clutch Transmission
7HDT300 48V

7-speed hybrid dual-clutch transmission for mild hybrids. Torque-split design to enable ideal use of the efficiencies of the combustion engine and the e-motor. Ideal for C-segment.

Features and Specifications
- Max. torque: 300 Nm
- Installation length: 364 mm
- Center distance: 197 mm
- Ratio 1st gear: 13.7 - 18.6
- Gear ratio spread: up to 8.5

Competitive advantage/differentiators
- -17% fuel consumption vs. DCT (WLTP)
- Adjustable drivability by clutch modulation and eRock-cycling
- 300 Nm ICE torque plus e-boost capability
- Best-in-class torque-to-weight ratio (= 3.8 Nm/kg) and interchangeable flexibility

Applications/benefits
- Reuse of matured technologies and building blocks incl. ASIL C

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