

FUELGUARD™

ELECTRONIC AIR PROCESSING UNIT

A FLEXIBLE DESIGN ENABLING SIGNIFICANT FUEL EFFICIENCY



SMART DESIGN WITH A WIDE SET OF OPTIONS FOR DIFFERENT APPLICATIONS:

- Heavy, medium and light duty trucks
- Buses
- Off-Highway vehicles

VALUE TO CUSTOMERS

- Cost efficient design automatically adapting to a variety of compressor and air reservoir sizes
- Optimized usage of available kinetic energy during engine “overrun” phase to fill up air reservoirs
- Enables significant fuel savings when used in combination with WABCO c-comp™ compressor technology as well as with compressors equipped with an OPR system (Optimized Power Reduction)
- Lowers integration costs in global vehicle platforms thanks to its design modularity

WABCO

Mobilizing Vehicle Intelligence

TECHNICAL FEATURES

Characteristics	Specifications
CAN Protocol	SAE J1939
Multiple Circuit Protection Valve:	up to 7 connections
Air Dryer Cartridge Supported:	WABCO ASP or ASP ^{PLUS}
Dimensions (L x W x H):	284 mm x 171 mm x 300 mm
Weight:	7800g

- Connects via CAN-bus to the vehicle's electronic architecture to enable Intelligent Air Management
- Incorporates air dryer, multiple circuit protection valve, pressure sensors and power reduction / clutch control functions
- Modular design with a wide set of options for different markets and application

ENABLING INTELLIGENT AIR MANAGEMENT

ENERGY RECUPERATION UTILIZING OVERRUN PHASES



* 200,000 km / 125,000 miles in combination with clutch compressor vs. line unloader

- Smart compressor control with on-demand and optimized compressor engagement adapted to driving situations
- Saves up to 1.300 liters* of fuel annually, utilizing overrun phases
- Supports optional features such as air leakage detection and cartridge service interval indication
- Reduced noise and enhanced driver comfort

For further details contact your WABCO JAPAN representative:
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About WABCO

WABCO (NYSE: WBC) is a leading global supplier of technologies and services that improve the safety, efficiency and connectivity of commercial vehicles. Originating from the Westinghouse Air Brake Company founded nearly 150 years ago, WABCO continues to pioneer breakthrough innovations to enable autonomous driving in the commercial vehicle industry. Today, leading truck, bus and trailer brands worldwide rely on WABCO's differentiating technologies, including advanced driver assistance, braking, steering and stability control systems. Powered by its vision for accident-free driving and greener transportation solutions, WABCO is also at the forefront of advanced fleet management systems that contribute to commercial fleet efficiency. In 2018, WABCO reported sales of \$3.8 billion and more than 16,000 employees in 40 countries. For more information, visit www.wabco-auto.com.



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