

TECHNICAL INFORMATION



EBS for semi, centre axle and full trailers. The EB+ 4.0 system with configurations from 2S / 2M up to 8S / 4M, has more auxiliary connections than EB+ Gen3, integrated stability, maximum flexibility.

Benefits

- › Easy, logical vehicle installation
- › Multi-voltage operation
- › Flexibility, with up to 6 input / output channels, 2 dedicated analogue channels and 4 dedicated digital inputs
- › Connect multiple CAN devices, e.g. TPMS, EB+ Info Centre and telematics etc

EB+ 4.0 EBS

Haldex EB+ 4.0

The EB+ 4.0 EBS trailer brake platform utilises a modular design strategy, where several separate functional modules can be configured into a system with the desired functional scope. For example, the EB+ 4.0 can be equipped with a Safe Parking+ feature and Emergency Override feature. The EB+ 4.0 EBS is a 12 / 24V system with integrated roll-over control, intended for fitment to semi and centre axle trailers using air braking systems with air / mechanical suspension.



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Design and Function

Premium with mobiliser assembly



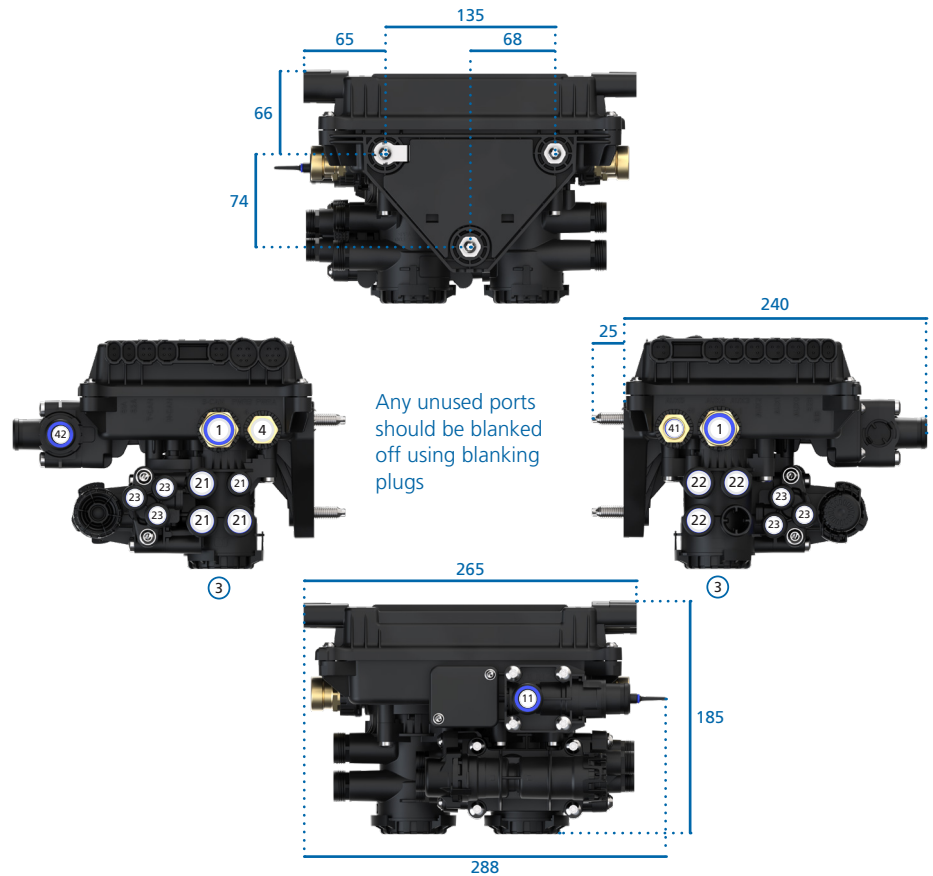
EB+ 4.0 EBS

Specifications

The table gives you an overview of the three main EBS variants, with their options and features. In general, there are two main 2M systems of Basic or Premium configuration.

Compared to the Premium configuration, the Basic system supports a limited number of electrical auxiliary ports and only two wheel-speed inputs, but in general offers similar available options such as mobiliser or pressure protection valve. There are two Basic versions of the EB+ 4.0. One 'with' and one 'without' the emergency override function. Apart from the override, the Basic without override does not have AUX 0.

There is a 1M EBS Slave that can be used with the Premium version to create 3M or 4M system layouts.



Function		Basic EBS (Without emergency override)	Basic EBS	Premium EBS
Electronics	Sensor (S) / Modulator (M)	2S / 2M	2S / 2M	2S / 2M 4S / 2M 4S / 3M 6S / 3M 8S / 4M
	Power	Pwr-A & Pwr-B	Pwr-A & Pwr-B	Pwr-A & Pwr-B
	AUX 0-5	1, 4 & 5	0, 1, 4 & 5	0-5
	Wheel speed sensors	2	2	4
	Haldex CAN	Y	Y	Y
	Slave CAN	N	N	Y
	Telematics CAN	Option	Option	Option
	Pressure protection valve	N	N	Future option
	Pneumatic AUX	N	N	Future option
Spring Brake	Spring brake control	Y	Y	Y
	Spring pressure maintenance	Y	Y	Y
	Emergency override	N	Y	Y
	Latch / mobiliser	Option (Pneumatic only)	Option	Option



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