

# TECHNICAL INFORMATION



**ILAS<sup>®</sup>-E<sup>+</sup> is an innovative further development of the well known ILAS<sup>®</sup>-System family.**

## **Benefits**

- › Optimised and easier installation
- › Low weight and small size
- › Compatible with Haldex EB+ and other EBS Systems
- › DIN-Bayonet DIN 72585-A1-2.1 SN / K1

## **ILAS<sup>®</sup>-E<sup>+</sup>**

### **Haldex ILAS<sup>®</sup>-E<sup>+</sup>**

ILAS<sup>®</sup>-E<sup>+</sup> is used for electrically controlled lifting and lowering of one or several lift - axles with conventional air suspension systems.

With electronically controlled air brake systems, e.g. EB+, ILAS<sup>®</sup>-E<sup>+</sup> are controlled by the load depended output signal.

Traction option using a switch and speed signal (EB+).



**Innovative Vehicle Solutions**

# Design and function



**IAS-E+**

## Use

- > Semi-trailer
- > Centre-axle-trailer
- > Drawbar-trailer

## Technical data

Operating pressure  $p_e = 8.5 \text{ bar}$   
 Switch pressure  $4.5 \text{ bar} + 0.5 \text{ bar}$   
 Operating temp.  $-40^\circ\text{C} + 80^\circ\text{C}$   
 Weight ca.  $0.70 \text{ kg}$   
 Solenoid data, versions I, II  
 Voltage  $24 \text{ V} + 7.0 / -8.0$   
 Current power  $150 \text{ mA} / 3.5 \text{ W}$   
 Type of protection for  
 DIN 40050 - IP 6K 9K  
 Admissible energization time 100 % ED  
 Solenoid data, versions III, IV  
 Voltage  $12 \text{ V} + 3.0 / -5.2$   
 Current power  $300 \text{ mA} / 3.5 \text{ W}$

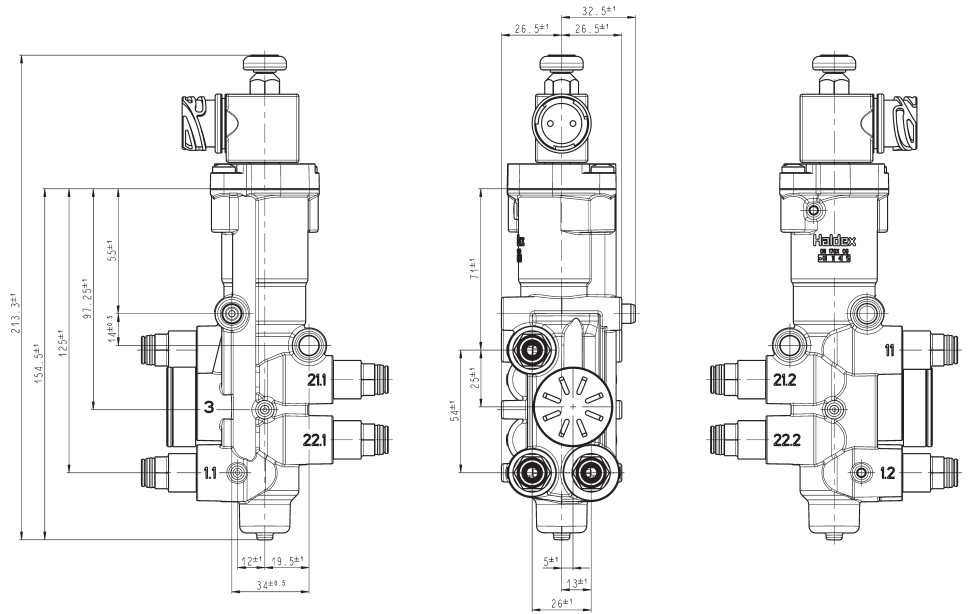
## Port description

Versions I, III	1.1, 1.2	supply
Versions II, IV	1.1	supply
Port	11	air suspended axle
Port	21.1, 21.2	lift axle
Port	22.1, 22.2	lift bellow
Port	3	exhaust
Push-In	M 12 x 1.5 for 8 x 1	

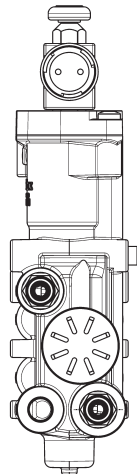
## Versions

352 080 001 Version I  
 352 080 011 Version II  
 352 080 021 Version III  
 352 080 031 Version IV

## Dimensions Version I, III, 352 080 ...



## Dimensions Version II, IV, 352 080 ...



## Symbol DIN ISO 1219

