

# BK4 Controller

## R1 and E1



### BK4 Controller R1

#### General Technical Data

Temperature Range	-40 °C to +85 °C
Housing	Extruded Aluminium Sheath Flangebox IP20
Weight	920 g
Dimensions (W x L x H)	165 x 140.5 x 59.3 mm
Dual Core ARM CPU with Linux and Web Interface	
Fully Complies with all Railway Standards	
Sensor-Actuator-Bussystems	
6 Multifunctional IOs	
Enhanced Diagnostics	
Several Train Bus Communications	

#### Electrical Data

Supply Voltage DC	18 – 30 VDC
Nom. Power Consumption	10 W

### BK4 Controller E1

#### General Technical Data

Temperature Range	+40 °C to +85 °C
Housing	Extruded Aluminium Sheath Flangebox IP20
Weight	900 g
Dimensions (W x L x H)	165 x 140.5 x 59.3 mm
Single Core ARM CPU with Linux	
Fully Complies with all Railway Standards	
Sensor-Actuator-Bussystems	
42 Multifunctional IOs	
Enhanced Self-Diagnostics	

#### Electrical Data

Supply Voltage DC	18 – 26.4 VDC
Nom. Power Consumption	5 W

### Additional Features

- The BK-4 controller is a modular platform to measure and control actuation as well as sensory in air management and hydraulic systems. In order to cover a wide range of applications, the controller is equipped with sophisticated service interfaces as well as multiple connectivity options.