



MASTER CONTROLLERS

For all kind of traction vehicles



Master controllers are designed to govern the traction and braking system of the traction vehicle.

Modular design developed on the basis of customers' requirements.

Designed with respect to driver's comfort.

CUSTOMER BENEFITS

Reliable and highly service proven solution

Ergonomic shape of the driving lever

Wide range of additional functions for different customers' solutions

REFERENCES

More than 10 000pcs sold

Compliant to: EN60077 and UIC6112

EQUIPPED BY WIDE RANGE OF ADDITIONAL FUNCTIONS AS

Sensor for exact driving lever position (analogue output U/I, digital output Gray code, PWM)

Touching surface dead man for driver's activity control

Mode selector / Key / Push buttons / Pneumatic valve

Safety lock as a part of safety sequence

CAN / Ethernet

Dead man's vigilance function

Touch surface

Push button or by pressing the handle

Handle rotation



Statistics



Live Alerts



Real Time Monitoring

Train segment	LRV, locomotive, EMU
Temperature range	-40° C to +70° C
MTBF	Over 50 000 hours
Rated voltage	24V DC / 72V DC / 110V DC Options: 48V DC / 64 V DC
Position sensor	Voltage 0..10V Current 4-20mA

Mechanical features

Control handle	Rotary / Slide
Handle Shape	T-handle / Mushroom / Ball Options: T-handle with pushbutton, Ergonomic shape
IP protection IEC 60529	IP00 (Snap action switches IP40) Options: higher values upon request
Shock and vibration	EN 61373
Life cycle	> 2*10 ⁶ cycles



CONTACT

WABTEC CORPORATION

U Přivaděče 1315/3
326 00 Plzeň
Czech Republic

Phone: + 420 379 207 211

Email: info.ftczech@wabtec.com

www.ftczech.com

WABTECCORP.COM