



FTSS3 BRAKE CONTROL UNIT

Increase asset performance, reliability and safety

MARKET UNIQUE 3 RELAYS INTEGRATED LIGHT SOLUTION

A pneumatic brake control unit provides an efficient interface between the brake pipe, the brake actuator(s), the auxiliary reservoir(s) and the load component(s) for all types of freight wagons.

Built around the SW4S distributor valve fulfilling all UIC and TSI requirements, the unit is fully configurable to fit the exact need of the freight car brake architecture i.e with or without load dependant valves and knick valves and can be equipped with EP brake module and/or digital module.

The FTSS3 version is unique on the Market as it gathers on a single bracket the full brake control equipment for 3 bogies type freight cars. This is typically relevant for intermodal freight cars of the 80' and 90' series which market is continuously growing. If needed by the application, the units could be configured for three different brake cylinder pressures.

KEY FUNCTIONS

FTSS3 provides the full set of braking functions required for three bogies freight cars.

KEY CUSTOMER BENEFITS

Reduced Initial Costs

One single product for all functions allowing easy and quick installation, simpler and less piping compared to alternative solutions.

Lowest Total Cost of Ownership

A simple design facilitating inspection and overhaul.

Compact and Light

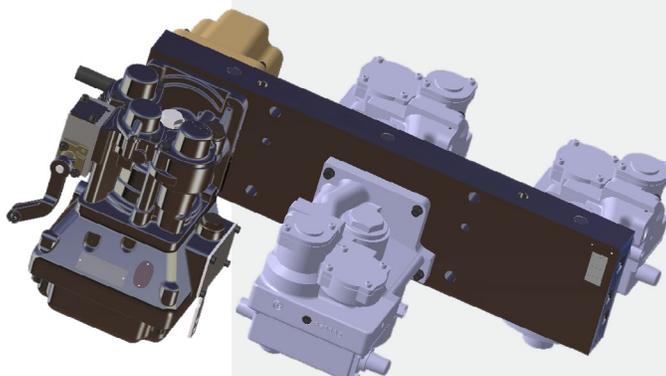
With 82 kg, this is the lightest sub-system on the market.

Homologated and Service Proven

Based on optimized service proven SW4S distributor valve and AKR relay valve.

Digital Ready

Ready for embedded condition based maintenance and preventive maintenance.



REFERENCES

SW4S distributor and AKR relay valves are running on thousands of freight wagons worldwide with different brake unit arrangements.

The FTSS3 Unit has been selected on more than 500 wagons since 2020 with growing market interest.

NORMS/VALIDATION

Designed, validated and homologated according to UIC norms and TSI WAG 321/2013 regulation

Shock and vibration compliant to IEC 61373 category 2

PRODUCT SPECIFICATIONS

DESCRIPTION	PARAMETERS
Dimensions (mm)	815 x 588 x 362
Weight	82 kg
Temperature	-40°C/+70°C



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