DATA SHEET

ZSE2130-IP65
Mode UHF (TETRA)

ZSE (Central Control Equipment)

Summary

- **UHF TETRA Radio Concept**
- **Interface for two control heads**
- **Menu language selection**
- **Night & day display mode**
- **M12 Interface (Ethernet)**
- **Digital I/O's**
- **RS485**
- **GPS**
- **INTERCOM**
- **Public Address**
- **Direct DC train power supply**

General

Operating Temperature range	-25°C ... +70°C
Storage temperature range	-40°C ... +85°C
Power Supply	Options: 24; 36; 48; 72; 96; 110VDC
Maximum power drain	Standby: 10W
Maximum power drain	Transmission: 50W
Digital Inputs / Outputs	4 Inputs / 2 Outputs
Data interfaces	ETH; RS485 four wire
PA	600 Ohm sym, level adjustment: -14 dBu ... +4 dBu OPTIONAL: VoIP (SIP, RTP)
INTERCOM	600 Ohm sym, level adjustment: -14 dBu ... +4 dBu OPTIONAL: VoIP (SIP, RTP)

UHF – TETRA Radio Data

Frequency range	380 – 430 MHz
Channel spacing	25 kHz
RF Transmitter Power TETRA Release 1	Class 2 (10W)
RF Power Control	6 steps @ 5 dB (15 dBm ... 40 dBm)
Receiver class	A & B
Receiver static sensitivity	-112 dBm minimum, -116 dbm typical
Receiver dynamic sensitivity	-103 dBm minimum, -107 dBm typical

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Environmental and Mechanical Data

Environmental

Temperature, Shock and Vibration	As per EN50155, Railway applications - Electronic equipment used on rolling stock
100% compliance to GSM-R CabRadio environmental requirements	EIRENE FRS V7.4.0:2014-04; §4.3.6 EIRENE SRS V15.4.0:2014-03; §4.5.8...15; §5.7.3
Fire Protection	EN45545-2, HL1; HL2; HL3
Ingress Protection	IP65 according to EN60529

Dimension and Weight – ZSE

Height	130 mm
Width	350 mm
Depth	254 mm
Weight	13.5 kg

Further related Documentation:

→ DATA SHEETS (CONTROL HEADS COCO2137; -2167; -2177)

→ STANDARD USER MANUAL *)

→ STANDARD INSTALLATION MANUAL *)

→ STANDARD CONFIGURATION MANUAL *)

→ STANDARD SYSTEM DESCRIPTION *)

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