

Signalling repeater of the train protection MIREL VZ1

Type **VZ1NO**

illustrative picture

Signalling repeater ensures visual display of transmitted information from track infrastructure to a driver's cab. Moreover, in dependence on working regime it signalizes carrier frequency of the track infrastructure code, remedies that train protection realizes, it displays immediate maximal speed. Signalling repeater serves as well for setting of operative parameters of the train protection by the personal, indication of intervention of the train protection and indication of failure states. Equipment contains indication of transmitted signals, three-places alphanumeric display, 3-button keyboard, 4 indication LED diodes, scanner of lighting intensity. In case, that the equipment is installed in configuration without transmission of signalling signs, it is possible to use signalling repeater without indicators of transmitted signalling signs.



Fixing components are delivered with a product.

Version

Description	Dimensions [mm] B x H x D	Weight [kg]	Mounting	Indication of signalling signs
VZ1NO.0	72x144x50	0,470	into the desk, back-fixing	yes
VZ1NO.P	72x170x50	0,500	into the desk, front-fixing	yes
VZ1NO.S	72x72x64	0,200	into the desk, back-fixing	no

Modifications recommended for new applications

Description	Nominal supply voltage [VDC]	Software version	Usage of module NOC
VZ1NO.0.2C04	24	04	yes
VZ1NO.0.4C04	48	04	yes
VZ1NO.P.2C04	24	04	yes
VZ1NO.P.4C04	48	04	yes

Specifications

Number	Version	Title
257VZ1	110610	Technical conditions for MIREL VZ1 automatic train protection – serial installation
153VZ1	141119	MIREL VZ1 operating instructions
154VZ1	141119	MIREL VZ1 service manual
2283M	170731	PPxD installation conditions
980M	170928	Box 72x72 installation conditions
1122VZ1	150603	Installation manual

Usage

MIREL VZ1 – Train protection

Modifications not recommended for new applications

Description	Nominal supply voltage [VDC]	Software version	Usage of module NOC
VZ1NO.0.202	24	02	no
VZ1NO.0.402	48	02	no
VZ1NO.S.202	24	02	no
VZ1NO.S.402	48	02	no
VZ1NO.0.2C03	24	03	yes
VZ1NO.0.4C03	48	03	yes
VZ1NO.S.203	24	03	no
VZ1NO.S.403	48	03	no
VZ1NO.S.204	24	04	no
VZ1NO.S.404	48	04	no