

System tester MIREL TZJ

Type **TZJ**

illustrative picture

MIREL TZJ device is intended for intermediation of MIREL 2nd and 3rd devices generation technology interface and is used by rolling stock maintenance staff. Device is wired between diagnostic-subjected device and rolling stock technology and enables to maintenance staff execution of diagnostics and check measurements on contact field. TZJ wired between MIREL device and rolling stock technology maintains functional connection of equipment with rolling stock technology.

Depending on specific modification, a set of accessories is supplied together with device, comprising connecting and test cables between TZJ test device and MIREL diagnostic-subjected device / diagnostic and measuring instruments.



Nomenclature



Modifications

Designation	Device version	Design and adjustment	Dimensions W x D x H [mm]	Weight [kg]
TZJ.1.0	1	0	290 x 160 x 55	1,2

Modifications - sets

Designation	Central unit	Set of accessories
TZJSET.1.A	TZJ.1.0	A
TZJSET.1.B	TZJ.1.0	B

Spare Parts

Designation	Description	Set component and parts count [pc]	
		A	B
TZJ.1.0	Central unit test device – interconnection box, version 1	1	1
TZJB.1.R1	Test cable 1,0m, 2x banana plug 4mm, 1,0m, DC open	4	4
TZJB.1.S0	Test cable 0,5m, 1x banana plug 4mm, 0,5m, DC short-circuit	2	2
TZJB.1.S1	Test cable 1,0m, 1x banana plug 4mm, 1,0m, DC short-circuit	2	2
TZJP.1.C25F	Connecting cable 1,0m, output to DSub-25 connection jacks	1	–
TZJP.1.C25M	Connecting cable 1,0m, output to DSub-25 pins	1	–
TZJP.1.C37F	Connecting cable 1,0m, output to DSub-37 connection jacks	2	–
TZJP.1.C37M	Connecting cable 1,0m, output to DSub-37 pins	2	–
TZJP.1.DD72F	Connecting cable 1,0m, output to DD72 connection jacks	1	1
TZJP.1.DD72M	Connecting cable 1,0m, output to DD72 pins	1	1
TZJP.1.H2A	Connecting cable 1,0m, output to HUMMEL FF ₍₁₋₁₀₎ and HUMMEL MM ₍₁₁₋₂₀₎ ¹⁾	1	–
TZJP.1.H2B	Connecting cable 1,0m, output to HUMMEL MM ₍₁₋₁₀₎ and HUMMEL FF ₍₁₁₋₂₀₎ ¹⁾	1	–
TZJP.1.H2C	Connecting cable 1,0m, output to HUMMEL MF ₍₁₋₁₀₎ and HUMMEL FM ₍₁₁₋₂₀₎ ¹⁾	1	–
TZJP.1.H2D	Connecting cable 1,0m, output to HUMMEL FM ₍₁₋₁₀₎ and HUMMEL MF ₍₁₁₋₂₀₎ ¹⁾	1	–

¹⁾ *F – connector insert with jacks, *M – insert with pins; F* - connector case has internal thread, M* - case has external thread

Device version

Designation	Description
0	MIREL systems test device wired to rolling stock technology by means of lead-out cabling, intended for diagnostics of 2 nd MIREL systems generation.
1	MIREL systems test device wired to rolling stock technology by means of separate cables and adapter units, intended for diagnostics of 2 nd and 3 rd MIREL systems generation.

Specification

Catalogue sheet was prepared based on the following specifications:

No.	Version	Title
2633M	191211	TZJ.1 Operating manual

Usage

MIREL VZ1 – train protection system
MIREL RM1 – registration speedometer
MIREL RM2 – integrated on-board system
MIREL RS812 – control system
MIREL RS813 – control system
MIREL RS361 – control system
MIREL RS363 – control system
MIREL SHP – train protection system
MIREL SOL – system of protections

