











The device is designed to convert the electrical data signal into an optical one by protocol transparent means and restore the signal of the RS485 interface into the optical channel and vice versa.

The integrated optical converter diagnostics allow permanent monitoring of the FO paths during installation and also during operation mode.

The device allow the interface to be converted for two FO cables.

## FEATURES:

- ✓ Hardware and software digital signal recovery
- ✓ Can be used to create linear structures and redundant structures for increased system availability
- ✓ High-quality electrical isolation between all interfaces
- ✓ Built-in optical diagnostics provides monitoring of the optical channel integrity

 Power supply AC	15-54 V
 Power supply DC	21-76 V
 IP protection class	IP31
 Mounting	DIN-rail
 Data exchange speed	9,6-115,2 kBit/s
 Data line length	Up to 40km
 Number of fiber optic channels	2
 Number of RS485 channels	1
 Temperature	-40...+85°C
 Dimensions (Width, Height, Depth)	52x101x113 mm

## COMPLIANCE WITH STANDARDS :

- ✓ IEC 62236-4; GOST 33436.4-1; DSTU 4151-2003
- ✓ EN50125-3 –T2; GOST 34012 –K3; SOU 45.020-00034045-002 –K3
- ✓ EN50125-3 –C.4; GOST 34012 –MC3; SOU 45.020-00034045-002 –MC3

