

Single-slot chassis **BOX AXle-1**



One-slot chassis BOX AXle-1 is designed to accommodate one instrument module of the AXle-1 standard. The chassis with the instrumentation module can be used as a stand-alone measuring device or as part of information measuring systems based on the AXle-1 bus.

Specifications

Chassis type - AXle - 1.	Number of free slots (number of free slots for placing instrument modules AXle-0 / AXle-1) - 1
AXle 1.0 Specification Basic Architecture	The chassis does not require additional software installation, allowing direct access to the AXle measurement module installed in the chassis
PC connection (UpLink port) - PCIe x8 cable standard	
The exchange of information streams is carried out via the PCIe Gen3 x4 lanes interface	Maximum system bandwidth - 64 Gb / s bidirectional streams (32 Gb / s one way, 4 lanes at 8 Gb/s)
Control over 1 Gbit Ethernet LAN possible	Module supply voltage - 48 V
Integrated fan unit	Selection of the source of reference frequencies for the functioning of the AXle module - internal frequency or external frequency from the connector on the chassis
Possibility of the module registering trigger events arriving through the connector on the chassis	
Possibility of generating trigger events by the module to the external chassis connector	The electrical isolation of the mains supply circuits of the chassis relative to the case withstands without breakdown and surface overlap a test voltage of 1500 V rms AC with a frequency of 50 Hz under normal conditions
Electrical resistance of insulation of power circuits 48 V relative to the chassis and logical ground - not less than 10 MOhm at a test voltage of not more than 100 ± 15 V	Electrical resistance of insulation of the mains supply circuits of the chassis relative to the case - not less than 20 MOhm
Electrical resistance between the protective ground contact and metal parts of the chassis - no more than 0.5 Ohm	