

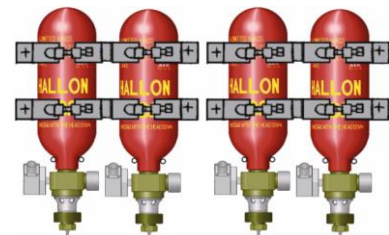
PPO FOUR-CYLINDER FIRE-FIGHTING EQUIPMENT SYSTEM



BP PPO console unit



Temperature detectors TD-1U



Cylinders with the extinguishing agent Halocarbon 114B2

DESCRIPTION

The PPO fire-fighting equipment system generates electrical signals to control the components of fire protection equipment:

- Audio and light alarms in case of a fire in the engine compartment.
- Cyclogram of firefighting.

The system's devices are resistant to high shock and vibration and are suited for operation under rough conditions.

PURPOSE of USE

Detection of fire in the engine compartment of a special-purpose vehicle and its extinguishing in automatic or manual modes with light and audio signaling about the operating modes of this system.

APPLICATION

The system is installed in special purpose vehicles, including APCs, BMPs and armored vehicles.

FEATURES

- ✓ Operating modes – 2 (automatic, manual)
- ✓ Integrated self-monitoring system with and without issuing commands to the actuators
- ✓ Temperature detector serviceability control

- ✓ Pressure control in the cylinders
- ✓ Control of the serviceability of starting devices of fire extinguishing mechanisms (pyro cartridges)
- ✓ Control of ten zones of the engine unit compartment
- ✓ Delivery of the fire-extinguishing composition of the first group of cylinders to the engine unit compartment in the event of a fire
- ✓ Repeated supply of the fire-extinguishing composition of the second group of cylinders to the compartment in case of repeated or incomplete elimination of the fire
- ✓ Issuing a command to stop the engine. Execution of the fire extinguishing cyclogram after receiving the engine stop signal
- ✓ Waterproof
- ✓ Data transfer to the on-board computer
- ✓ An option to produce the marine version of the equipment

SPECIFICATIONS

- Power supply voltage - from 22.5 to 28.5 V
- Power consumption in standby mode - less than 5 W
- Operating temperature range - from minus 40 to + 60 °C

DELIVERY KIT

- BP PPO console unit of the fire-fighting equipment system
- TD-1U temperature detector – 10 pcs
- Cylinders with the extinguishing agent Halocarbon 114B2 of BRS 2 type (Quick Release Connector) - 4 pcs
- Installation kit
- Logbook
- Package