

Subsystem explosion prevention

System for protection against explosion of fuel and fire.

This device has been designed for protection of MBT driving-combat compartment against explosion of fuel after penetration of tank's armor by shaped-charge jet, or other types of anti-armor projectiles/subprojectiles or warheads (APFSDS, EFP) with the following functions:

- Detection of shaped charge jet, incendiary projectile or initial fuel explosion
- Automatic and manual-electric activation of fire-fighting cylinders, with adequate signalization about cylinder activation
- Automatic neutralization of initial explosion and extinguishes fire by manual command
- Signalization of correct or incorrect functions of system components

