

Thermal Tripping Arrangement - Type MTP

MTP is a mechanical Thermal Switch. In order to avoid loss of operating fluid due to over heating of fluid coupling the mechanical Thermal Switch MTP can be added. However fusible plug with higher response temperature remains on the fluid coupling.

MTP consist of a plunger plug screwed on the fluid coupling body. A cam with limit switch are mounted on stationary base frame.

On exceeding the set temperature, the plunger plug ejects out a pin which hits the cam and operates the limit switch contact (make or break). Depending on the circuit selected the limit switch signal can be used to switch off the drive motor or activate audio/visual alarm.

The plunger plug has to be replaced after activation.

MTP system provides valuable safety and environment protection by avoiding spillage and loss of expensive operating fluid. Spillage of operating fluid can be expensive fire and accident hazard due to slippery floors and injury to workmen.

