SPAM 150 C Series
Motor Protection Relay

Versatile
...multi-function...
The microprocessor-based SPAM 150 C Motor Protection Relay, is a perfect solution for AC motor drives. It provides complete protection for large- and medium-sized three-phase motors in all conventional contactor or circuit-breaker controlled motor drives.

High-quality
...Motor Protection Relay...
This relay is also used in applications (such as feeders) requiring single-, two- or three-phase overcurrent and overload protection and non-directional earth-fault protection. The SPAM 150 C can provide AC motor protection with enduring quality and proven reliability in a large number of applications.

Reliable
...through the years...
With numerous years of service in different applications world-wide, the SPAM 150 C serves you with a proven track record of reliability.
The Relay with communication skills for in-depth data collection and analysis

The SPAM 150 C also features extensive data communication capabilities based on a fibre-optic serial bus between the motor protection and substation control system. As a result, this relay can collect data and record fault information, as well as provide in-depth post-fault analysis and online supervision of the motor drive.

The legendary SPACOM family:
More than 300,000 relays in use worldwide

The SPAM 150 Series relays belong to the SPACOM product family – already a legend in its field. With these products, ABB Substation Automation Oy was the first in the world to introduce a substation automation concept based on a genuine communicating microprocessor-controlled relay solution. Today, these products still keep pace with the same enduring protection power.

**SPAM 150 C Series Technology summary**

**Integrated solution**
thermal overload protection, monitoring all the three phases and start-up stall protection.

**High-set overcurrent protection**
operating instantaneously or with definite time characteristic.

**Recorded memory**
for measured fault parameters.

**Freely configurable**
output relays for tripping and signalling.

**Direct numerical readout**
for a full set of measured and recorded values, indications and status information.

**Data communication capabilities**
Serial interface with digital display to connect the relay with the data collection, recording and analysis functions of local or remote control systems or other host systems.

**High immunity**
to electrical and electromagnetic interference and rugged aluminium case to class IP54.

**Improved reliability and availability**
supported by built-in self-supervision system with auto-diagnosis.

CE marking according to the EC directive for EMC.

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