

AMS 6500 ATG PROTECTION SYSTEM

Product Data Sheet

A6500-TP

temperature process card

FUNCTION temperature process card	FAMILY AMS 6500 ATG protection system	ORIGIN Germany	WEIGHT 0.20 kg
--------------------------------------	--	-------------------	-------------------

Emerson A6500-TP is a temperature process card for the AMS 6500 ATG protection system. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Input channels	4 independent channels
RTD support	Pt100, Pt1000 and Ni100
Thermocouple support	Type J, K, T, E, R, S, B and N
Voltage inputs	0 to 1 V and 0 to 10 V
Current inputs	0 to 20 mA or 4 to 20 mA
Digital inputs	2 channels
Digital outputs	6 channels
Analog outputs	4 channels, 0/4 to 20 mA
Internal bus	RS-485
Host protocols	Modbus RTU/TCP and OPC UA via communication card

ADDITIONAL PRODUCT DATA

Supply	24 V DC through system rack
Card format	Eurocard 100 × 160 mm
Front width	6 HP, approximately 30 mm
Compatible racks	A6500-SR, A6500-RC and A6500-RU

OFFICIAL APPLICATIONS

- Bearing and winding temperature monitoring: Machinery Protection Systems
- Process and machinery temperature channels: Condition Monitoring Systems
- Multi-signal temperature acquisition: Process Monitoring Systems

SYSTEM COMPATIBILITY

Match A6500-TP to the installed AMS 6500 ATG protection system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Emerson official manufacturer documentation](#)

<https://www.emerson.com/is/content/emerson/en/systems-and-software/ams/manuals-and-guides/documents/a6500-tp-temperature-process-card.pdf>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM