

ABB MOTOR PROTECTION AND CONTROL SYSTEMS

Product Data Sheet

TA25DU-1.8M 1SAZ211201R2025

thermal overload relay

FUNCTION thermal overload relay	FAMILY ABB motor protection and control	ORIGIN Switzerland	WEIGHT 0.17 kg
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ABB TA25DU-1.8M 1SAZ211201R2025 is a thermal overload relay for the ABB motor protection and control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Setting Current Range	1.3 to 1.8 A
Trip Class	Class 10A
Main Circuit Voltage	690 V AC or 440 V DC
Rated Operational Current	1.8 A
Main Pole Count	3 poles
Auxiliary Contacts	1 NO and 1 NC
Housing Protection	IP20
Terminal Protection	IP10
Pollution Degree	Degree 3
Pole Power Loss	1.1 to 2.2 W

Operating Temperature	-25 to +55 °C
Storage Temperature	-40 to +70 °C
Maximum Altitude	2000 m
Shock Resistance	25 g for 13 ms
Standards	IEC 60947-1, -4-1 and -5-1

- Conveyor and machine motor starter panels: Conveyor drive current protection; Machine coolant pump trip control
- Pump and blower motor control centers: Lift-pump overload tripping; Aeration blower phase-loss protection
- Mixing and packaging line motor panels: Mixer motor overload shutdown; Packaging conveyor phase-loss trip

Match TA25DU-1.8M 1SAZ211201R2025 to the installed ABB motor protection and control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB official manufacturer documentation](#)

Manufacturer official document

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