E300/E200 ELECTRONIC OVERLOAD RELAY

Product Data Sheet

193-ESM-IG-30A-E3T

Current and ground-fault sensing module

CURRENT MEASURING RANGE	SENSING FUNCTIONS	POWER-CIRCUIT TERMINALS	RATED POWER-CIRCUIT VOLTAGE
0.5 to 30 A	**Motor current and ground fault**	**1/L1, 3/L2, 5/L3, 2/T1, 4/T2, 6/T3**	**690 V AC**

Allen-Bradley 193-ESM-IG-30A-E3T is the 0.5 to 30 A current and ground-fault sensing module for the modular E300/E200 electronic overload relay. Its line and load terminals support DIN-rail or panel mounting, including the documented E3 terminal-base replacement arrangement.

01 VERIFIED TECHNICAL DATA

Current measuring range	0.5 to 30 A
Sensing functions	Motor current and ground fault
Power-circuit terminals	1/L1, 3/L2, 5/L3, 2/T1, 4/T2, 6/T3
Rated power-circuit voltage	690 V AC
Rated impulse withstand	6 kV
Rated line frequency	45 to 65 Hz
Mounting arrangement	DIN rail or panel; line/load power terminals
Legacy sensing-base replacement	193-ECPM series; exact selection table applies
Operating ambient, open	-20 to +55 °C
Operating ambient, enclosed	-20 to +40 °C

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Storage ambient	-40 to +85 °C
Operating relative humidity	5 to 95%, non-condensing
Protection rating	IP20
Maximum installation altitude	2000 m
Mechanical shock	30 g

03 DOCUMENTED USE SETTINGS

Discrete Manufacturing and Continuous Industrial Production: Automotive Electronics Manufacturing.

Municipal Water Supply and Industrial Wastewater Treatment: Drinking Water Treatment.

Basic Chemicals and Specialty Chemical Manufacturing: Petrochemical Manufacturing.

04 SYSTEM COMPATIBILITY

Assemble the sensing, control and communication modules as a matched E300/E200 relay. The IG sensing selection includes current and ground-fault measurement; it does not make this item a voltage-sensing module or a standalone network relay. Network selection belongs to the communication module.

05 PRODUCT EVIDENCE

Rockwell Automation 193-TD006B-EN-P, current/ground-fault sensing selection and ratings

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**