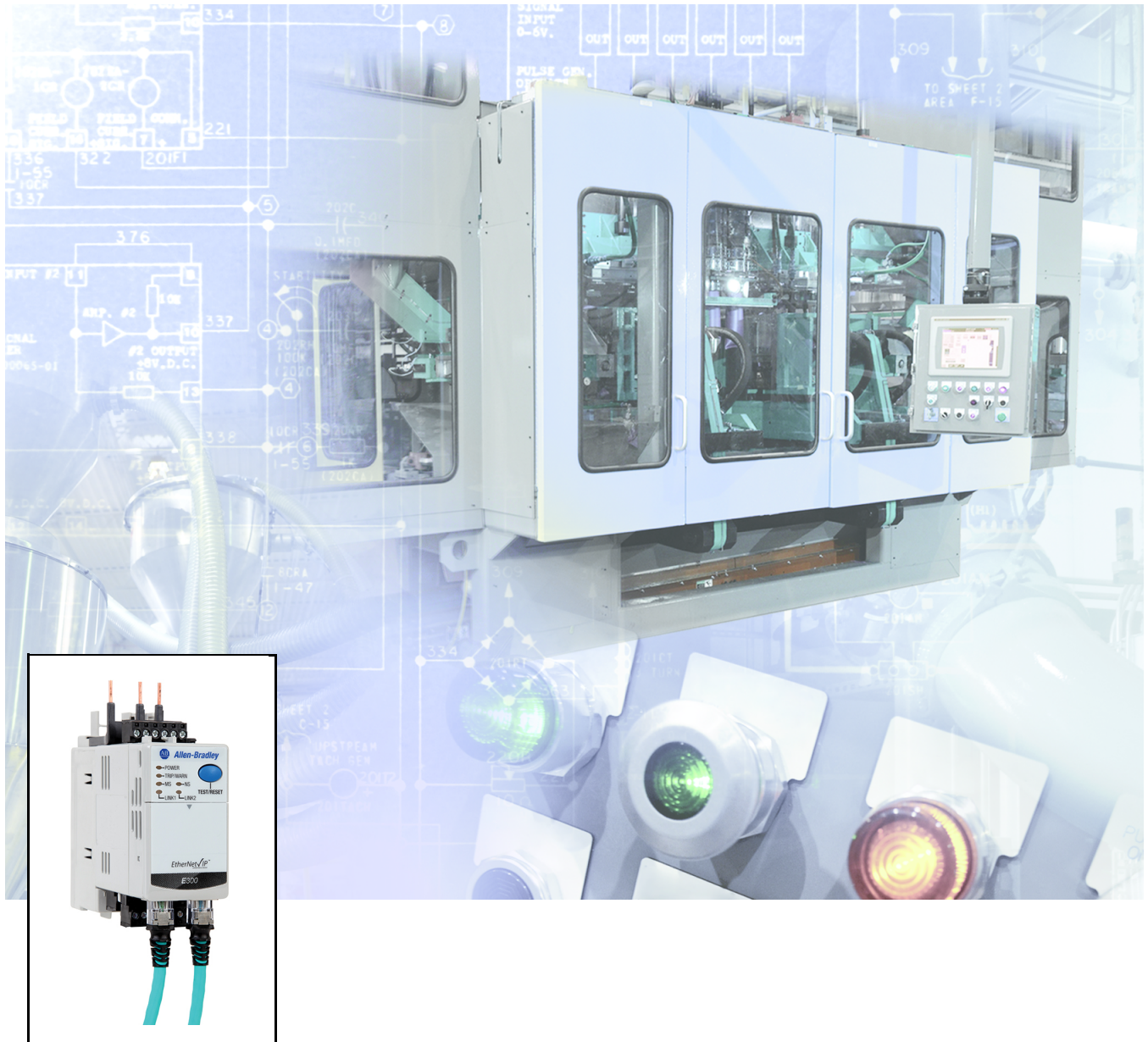


E300 Electronic Overload Relay

Bulletin Numbers 193, 592



LISTEN.
THINK.
SOLVE.

Description	Mounting Options	Current Range [A]	For Use With	Cat. No.
Voltage/Current/Ground Fault	IEC Contactors	0.5...30	100-C09...C23	193-ESM-VIG-30A-C23
			100-C30...C55	193-ESM-VIG-30A-C55
		6...60	100-C30...C55	193-ESM-VIG-60A-C55
		10...100	100-C60...100-C97	193-ESM-VIG-100A-C97
		20...200	100-D115...100-D180	193-ESM-VIG-200A-D180
	DIN Rail / Panel Mount Power Terminals	0.5...30	All contactors	193-ESM-VIG-30A-T
		6...60		193-ESM-VIG-60A-T
		10...100		193-ESM-VIG-100A-T
		20...200		193-ESM-VIG-200A-T
	DIN Rail / Panel Mount Power Terminals. Directly replaces 193-ECPM_	0.5...30		193-ESM-VIG-30A-E3T
		6...60		193-ESM-VIG-60A-E3T
		10...100		193-ESM-VIG-100A-E3T
	DIN Rail / Panel Mount Pass-thru	0.5...30	External current and potential transformers	193-ESM-VIG-30A-CT
	NEMA Contactors	0.5...30	NEMA Size 0...2	592-ESM-VIG-30A-S2
		6...60		592-ESM-VIG-60A-S2
		10...100	NEMA Size 3	592-ESM-VIG-100A-S3
		20...200	NEMA Size 4	592-ESM-VIG-200A-S4

Control Modules

Description	No. of Inputs/Outputs	Rated Control Voltage [V]	Cat. No.
I/O Module	6 in/3 out	24V DC	193-EIO-63-24D
	4 in/3 out	110...120V AC, 50/60 Hz	193-EIO-43-120
	4 in/3 out	220...240V AC, 50/60 Hz	193-EIO-43-240
I/O and Protection Module. Thermistor (PTC) and External Ground Fault Current ⁽¹⁾	4 in/2 out	24V DC	193-EIOGP-42-24D
	2 in/2 out	110...120V AC, 50/60 Hz	193-EIOGP-22-120
	2 in/2 out	220...240V AC, 50/60 Hz	193-EIOGP-22-240

(1) Requires Core Balanced Ground Fault Sensor Cat. No. 193-CBCT_.

Communication Modules

Description	Cat. No.
EtherNet/IP	193-ECM-ETR

Expansion Modules

Description	No. of Inputs/Outputs	Rated Control Voltage [V]	Cat. No.
Digital Expansion Module, 24V DC	4 in/2 out	24V DC	193-EXP-DIO-42-24D
Digital Expansion Module, 120V AC	4 in/2 out	110...120V AC, 50/60 Hz	193-EXP-DIO-42-120
Digital Expansion Module, 240V AC	4 in/2 out	220...240V AC, 50/60 Hz	193-EXP-DIO-42-240
Analog Expansion Module: mA, V, RTD, and Resistance	3 universal in/1 out	—	193-EXP-AIO-31 ⁽¹⁾
Expansion Power Supply	—	24V DC	193-EXP-PS-DC
		110...240V AC, 50/60 Hz	193-EXP-PS-AC
Starter Control Station with 3-Meter Cable	—	—	193-EOS-SCS
Starter Diagnostic Station with 3-Meter Cable	—	—	193-EOS-SDS ⁽¹⁾

(1) Module requires control module firmware v3.000 or higher.

Accessories

Description	For Use With	Cat. No.
Contactor Coil Module	100-C09 . . . 100-C23 contactors	193-EIO-CM-C23
	100-C30 . . . 100-C55 contactors	193-EIO-CM-C55
	100-C60 . . . 100-C97 contactors	193-EIO-CM-C97
1-Meter Expansion Module Cable	—	193-EXP-CBL-1M
3-Meter Expansion Module Cable	—	193-EXP-CBL-3M
Core Balanced Ground Fault Sensor	193-EIOGP-42-24D	193-CBCT1
	193-EIOGP-22-120	193-CBCT2, 193-CBCT3
	193-EIOGP-22-240	193-CBCT4
Replacement Connectors	193-EIO-63-24D	193-NCIO-63-CNT
	193-EIO-43-120	193-NCIO-43-CNT
	193-EIO-43-240	
	193-EIOGP-42-24D	193-NCIOGP-42-CNT
	193-EIOGP-22-120	193-NCIOGP-22-CNT
	193-EIOGP-22-240	
	193-ESM-VIG-30A-CT	193-NCSM-VIG-CNT
	193-EXP-DIO-42-24D	193-NCXP-DIO-CNT
	193-EXP-DIO-42-120	
	193-EXP-DIO-42-240	
	193-EXP-AIO-31	193-NCXP-AIO-CNT
	193-EXP-PS-DC	193-NCXP-PS-CNT
	193-EXP-PS-AC	
Panel Mount Screw Adapters	193-ESM-I-30A-T	140M-C-N45 ⁽¹⁾
	193-ESM-I-60A-T	
	193-ESM-IG-30A-T	
	193-ESM-IG-60A-T	
	193-ESM-VIG-30A-T	
	193-ESM-VIG-60A-T	
	193-ESM-I-30A-P	
	193-ESM-I-60A-P	
	193-ESM-IG-30A-P	
	193-ESM-IG-60A-P	
	193-ESM-VIG-30A-CT	193-ESM-SA-100 ⁽²⁾
	193-ESM-I-100A-T	
	193-ESM-IG-100A-T	
	193-ESM-VIG-100A-T	
	193-ESM-I-100A-P	
	193-ESM-IG-100A-P	

(1) Sold in multiples of 10. Order quantity of 10 to receive a package of 10 pieces.

(2) Sold in multiples of 10. Order quantity of 1 to receive a package of 10 pieces.