

Bulletin 193-E300 Electronic Overload Relays

Bulletin 193/592-E300 Electronic Overload Relays

Sensing Modules

Description	Mounting Options	Current Range [A]	For Use With	Cat. No.
Current Sensing Module	IEC Contactors	0.5...30	100-C09...C23	193-ESM-I-30A-C23
		0.5...30	100-C30...C55	193-ESM-I-30A-C55
		6...60	100-C30...C55	193-ESM-I-60A-C55
	DIN Rail / Panel Mount Power Terminals	0.5...30	Line- and load-side power conductor terminals. Directly replaces 193-ECPM_	193-ESM-I-30A-E3T
		6...60		193-ESM-I-60A-E3T
	NEMA Contactors	0.5...30	NEMA Size 0...2	592-ESM-I-30A-S2
6...60		592-ESM-I-60A-S2		
Current/Ground Fault Sensing Module	IEC Contactors	0.5...30	100-C09...C23	193-ESM-IG-30A-C23
		0.5...30	100-C30...C55	193-ESM-IG-30A-C55
		6...60	100-C30...C55	193-ESM-IG-60A-C55
	DIN Rail / Panel Mount Power Terminals	0.5...30	Line- and load-side power conductor terminals. Directly replaces 193-ECPM_	193-ESM-IG-30A-E3T
		6...60		193-ESM-IG-60A-E3T
	NEMA Contactors	0.5...30	NEMA Size 0...2	592-ESM-IG-30A-S2
		6...60		592-ESM-IG-60A-S2

Control, Communication, and Expansion Modules

Description		No. of Inputs/Outputs	Rated Control Voltage [V]	Cat. No.
Control Module	I/O Module	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
Communication Module	EtherNet/IP Communication Module	—	—	193-ECM-ETR
Expansion Module	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
	Digital Expansion Module 24V DC	4 In / 2 Out	24V DC	193-EXP-DIO-42-24D
	Expansion Power Supply	—	—	110...240V AC, 50/60 Hz
—		—	24V DC	193-EXP-PS-DC