

Type EEC Overload Relays

UL 508 SB Supplement : 100,000 Amps
RMS SYM.Amps 480 Volts Max.
When Protected by Type CC or J Fuses.

See page 20 for trip curve chart.

Differential single phasing protection

UL File # E303503

AC or DC Motors

Ambient compensated overloads from -40°f to + 158°f
Permitting no false tripping.

Sealable setting overload with epoxy or paint
for critical applications

Nema Class 10 design for "T" frame motors

Both N.O. (Alarm) and N.C. (trip) Contacts

Plug on / bolt on to contactor design (Up to 93 Amps)

Part#	List Price	Plugs into Contactors
EEC 0.1 - 0.16A	\$ 36.00	EEC 12 EEC 18 EEC 25 EEC 32
EEC 0.16 - 0.25A	\$ 36.00	
EEC 0.25 - 0.4A	\$ 36.00	
EEC 0.4 - 0.63	\$ 36.00	
EEC 0.63 - 1A	\$ 36.00	
EEC 1 - 1.6A	\$ 36.00	
EEC 1.6 - 2.5A	\$ 36.00	
EEC 2.5 - 4A	\$ 36.00	
EEC 4 - 6A	\$ 36.00	
EEC 5.5 - 8A	\$ 36.00	
EEC 7 - 10A	\$ 36.00	
EEC 9 - 13A	\$ 38.00	
EEC 12 - 18A	\$ 38.00	
EEC 17 - 25A	\$ 48.00	
EEC 23 - 32A	\$ 48.00	
EEC 28 - 36A	\$ 55.00	
EEC 30 - 40A	\$ 55.00	
EEC 37 - 50A	\$ 60.00	
EEC 48 - 65A	\$ 80.00	
EEC 55 - 70A	\$ 80.00	
EEC 63 - 80A	\$ 102.00	
EEC 80 - 93A	\$ 102.00	
Below overloads Mount independent of Contactor (use wire to connect).		
EEC 65 - 105A	\$ 120.00	Or Optional Bus Bar Connections Below.
EEC 80 - 125A	\$ 140.00	
EEC 100 - 160A	\$ 240.00	
EEC 125 - 200A	\$ 250.00	
EEC 160 - 250A	\$ 260.00	
EEC 250 - 400A	\$ 390.00	
EEC 315 - 500A	\$ 460.00	
EEC 400 - 630A	\$ 580.00	
EEC 500 - 800A	\$ 640.00	

Overload Aux. Contacts

- Min. 5mA, 24V AC/DC
 - Max 600VAC, 440VDC
 - 5 Amp Thermal
- Ring Terminal capable up to 40 Amps.



EEC 23-32A

For separate mounting

(independent overload without contactor)

up to 36 Amps , add "S" to part #

Up to 36 Amps add \$10.00

Price Example: \$ 55.00+\$10.00 = 65.00 EEC 28-36 AS

Separate Mount Accessories

Part #	For Overload Range	List Price
EEC - AD 25A	0.1 Amp to EEC 17 - 25 A	\$ 10.00
EEC - AD 36A	EEC 23 - 32A + EEC 28 - 36 A	\$ 10.00

Refer to AEG or ECX Type overloads for separate mount overloads 36 Amp to 65 Amps p.9, 30.

Overload Relay Features:

- 1) Trip indicator window (turns yellow when tripped)
- 2) Stop button opens N.C. contacts 95/96
- 3) Depressing the test button causes the yellow indicator to appear ,and changes the contacts to their opposite state (N.O. closed + N.C. opens). The reset button then changes them back.
- 4) Reset button resets a tripped overload.

Contactors to Overload Bus Bar Connection Kits For Overloads sizes EEC105A to EEC 200A	Part # (Includes 3 busbars)	For Contactors	List Price	Part # For Overload sizes EEC 250A to 400A	For Contactors	List Price
	EEC115-BBK1	EEC115	\$36.00	EEC185-BBK2	EEC185	\$60.00
	EEC150-BBK1	EEC150	\$40.00	EEC225-BBK2	EEC225	\$72.00
	EEC185-BBK1	EEC185	\$44.00	EEC265-BBK2	EEC265	\$88.00
	EEC225-BBK1	EEC225	\$44.00	EEC330-BBK2	EEC330	\$88.00
	EEC265-BBK1	EEC265	\$64.00	EEC400-BBK2	EEC400	\$88.00
	EEC330-BBK1	EEC330	\$64.00			
	EEC400-BBK1	EEC400	\$64.00			