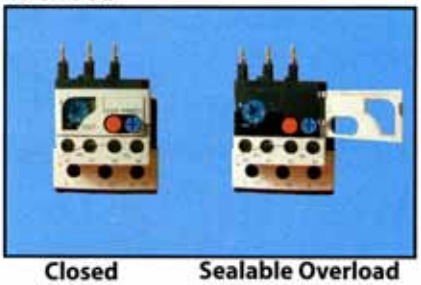
Type ECX
Overload Relays

- ☑ Reliable Motor Protection
- ☑ Precise factory set and tested heaters
- ☑ Both N.O. (Alarm) and N.C. (trip) Contacts
- ☑ Plug on / bolt on to contactor design
- ☑ Tolerance short circuit 5KA RMS SYM.,600V Max
- ☑ Ambient compensated overloads from -4°f to + 122°f permitting no false tripping within temp range.
- ☑ Sealable setting overload for critical applications
- ☑ **Nema Class** 10 design for "T" frame motors
- ☑ Accepts Ring Terminals up to 36 Amps

Type ECX Plug on Mount to Contactor
Amp Range is included in Overload Part #

Part#	List Price	Plugs into Contactors
ECX - .4-.63A	$ 30.00	ECX 18 + ECX 32
ECX -.63-1A	$ 30.00	
ECX - 1-1.6A	$ 30.00	
ECX - 1.25-2A	$ 30.00	
ECX -1.6-2.5A	$ 30.00	
ECX -2.5-4A	$ 30.00	
ECX -4-6A	$ 30.00	
ECX -5.5-8A	$ 30.00	
ECX -7-10A	$ 30.00	
ECX -9-13A	$ 30.00	
ECX -12-18A	$ 30.00	
ECX -17-25A	$ 30.00	
ECX -23-32A	$ 38.00	ECX 32
ECX -28-36A	$ 38.00	
ECX95-23-32A	$ 52.00	ECX 65 ECX 95
ECX -30-40A	$ 52.00	
ECX -37-50A	$ 52.00	
ECX -48-65A	$ 52.00	
ECX -63-80A	$ 52.00	
ECX -80-93A	$ 52.00	



Closed ECX23 - 32A — **Sealable Overload Amp Setting Window Open**

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. closes + N.C. opens). The reset button then changes them back.

4) Reset button resets a tripped overload.

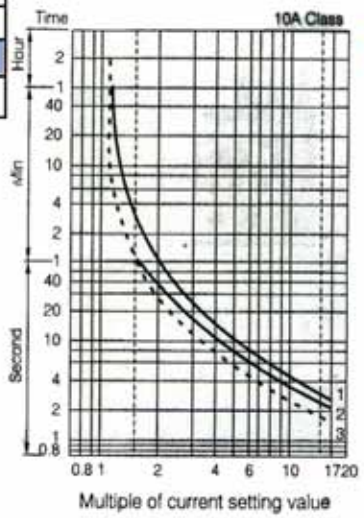
For separate mounting (independent overload without contactor) up to 36 Amps , add "S" to part # :
Up to 36 Amps add $10.00 list to part # Example:$ 38.00 + $ 10.00=$48.00. ECX 28-36AS

Separate Mount Accessories

Part #	For overload Range	List Price
ECX - AD 25A	0.4 Amp to ECX 17 -25 A	10.00
ECX - AD 36A	ECX 23 - 32 + ECX 28 -36 A	10.00
ECX - AD 93A	ECX 30-40 up to ECX 80 - 93A	20.00

Seperate Mounted Overload Dimensions (mm)

Part #	Amp Range	Height	Width	Depth
ECX .4 - .63 AS- ECX 7 - 10 AS-	0.4 - 10A	83	45	75
ECX -9 - 13 AS ECX -17 - 25 AS	9 - 25A	72	45	100
ECX -23 -32 AS ECX -28 - 36 AS	23 - 36A	90	55	100
ECX 95 - 23 - 32AS	23 - 32A	105	75	125
ECX 30 - 40 AS ECX 80 - 93 AS	30 - 93A	105	75	125



Protection Curve

1. Balance operation, three phase, start from the cold status.

2. Balance operation, two phase, start from the cold status.

3. Balance operation, three phase, start from the heat status.