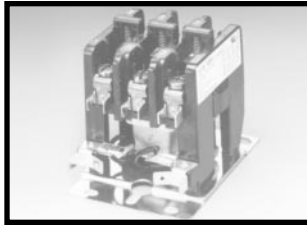


A.C. Power Contactors Type 154



STANCOR PART						DIMENSIONS-INCHES			Weight (oz.)	Agency* Certification	
Sec.	NUMBER	Amps.	Pole Form	Coil Voltage	Power Rating Inductive	Resistive	L	Case W			H
A	154-902	20‡	3PNO	120	Continuous 20 Amps. @ 600 V.	30 Amps. @ 600 V. A.C. Max.	3.80	2.70	3.10	19.5	UL/CSA
	154-903	20‡	3PNO	208/240	Inrush 120 Amps. @ 277 V. 100 Amps. @ 480 V. 80 Amps. @ 600 V		3.80	2.70	3.10	19.5	UL/CSA
B	154-904	25‡	3PNO	24	Continuous 25 Amps. @ 600 V.	35 Amps. @ 600 V. A.C. Max.	3.80	2.70	3.10	19.5	UL/CSA
	154-905	25‡	3PNO	120	Inrush 150 Amps. @ 277 V. 125 Amps. @ 480 V. 100 Amps. @ 600 V		3.80	2.70	3.10	19.5	UL/CSA
C	154-907	30Δ	3PNO	24	Continuous 30 Amps. @ 600 V.	40 Amps. @ 600 V. A.C. Max.	3.80	2.70	3.10	19.5	UL/CSA
	154-908	30Δ	3PNO	120	Inrush 180 Amps. @ 277 V. 150 Amps. @ 480 V. 120 Amps. @ 600 V		3.80	2.70	3.10	19.5	UL/CSA
D	154-910	40*	3PNO	24	Continuous 40 Amps. @ 600 V.	50 Amps. @ 600 V. A.C. Max.	3.80	2.70	3.20	19.5	UL/CSA
	154-911	40*	3PNO	120	Inrush 240 Amps. @ 277 V. 200 Amps. @ 480 V. 160 Amps. @ 600 V		3.80	2.70	3.20	19.5	UL/CSA
	154-912	40*	3PNO	208/240			3.80	2.70	3.20	19.5	UL/CSA
E	154-913	40*	2PNO	24			3.80	2.70	3.20	19.5	UL/CSA
	154-914	40*	2PNO	120	3.80		2.70	3.20	19.5	UL/CSA	
	154-915	40*	2PNO	208/240	3.80		2.70	3.20	19.5	UL/CSA	

— Double Break Contacts

— Non-Positional

‡ Screw Connectors line and load sides for #14 thru #8 wire. 1/4" Double Quick Connect Auxiliary and coil terminals.

Δ Pressure Connectors on line side for #14 thru #4 wire. Screw Connectors on load side for #14 thru #8 wire. 1/4" Double Quick Connect auxiliary and coil terminals.

* Pressure Connectors on line side and load side for #14 thru #4 wire. 1/4" Double Quick Connect auxiliary and coil terminals.

* Agency Certification Note: UL Recognized (File E12139)
CSA Certified (File LR13360)

For outline drawings refer to page 84.

Engineering Design Data

	Magnet Coil Rating (Volt Amperes)			Operation in % of Nom. Coil Rating		Breakdown Voltages All Terminals - 60 Hz RMS			Contact Material		Electrical Life		Mechanical Life		
A.C. Type	Inrush	Sealed Nom.	Max.	Pick-up	Max. Safe Operate	Opposite Polarity	Open Contacts Same Polarity	To Ground	Power	Pilot	Oper. At Rated Load	Oper. Per Min.	Oper. At No Load	Oper. Per Min	Max. Oper. Amb. °F
154	80	6.5	7.5	85%	110%	1500	1000	1500	Silver Alloy	-	100,000†	6	500,000	30	155

† Load tests – making inrush ratings (0.4 to 0.5 P.F.) – breaking 125% continuous rating (0.65 to 0.8 P.F.)



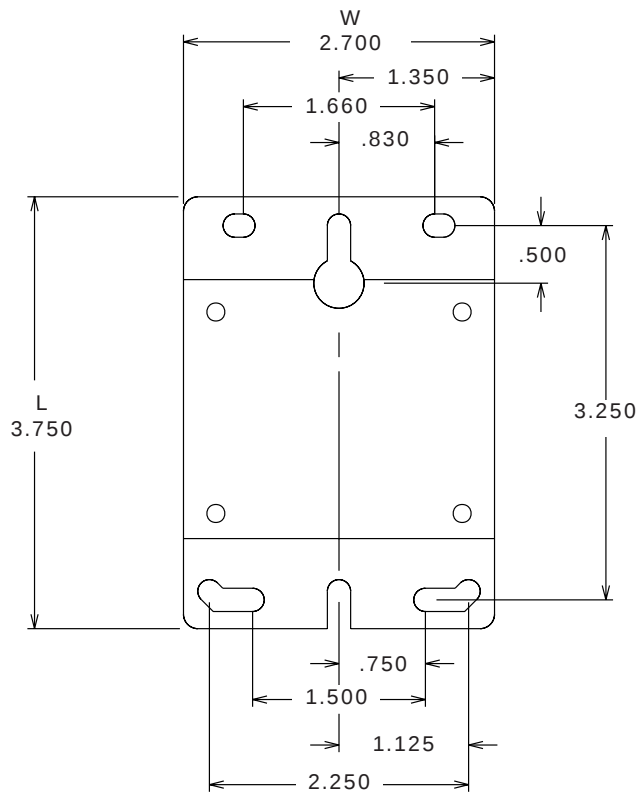
White-Rodgers • Emerson Electric Co.
9797 Reavis Road • St. Louis, MO 63123
(314) 865-8799 • Fax (314) 638-2400



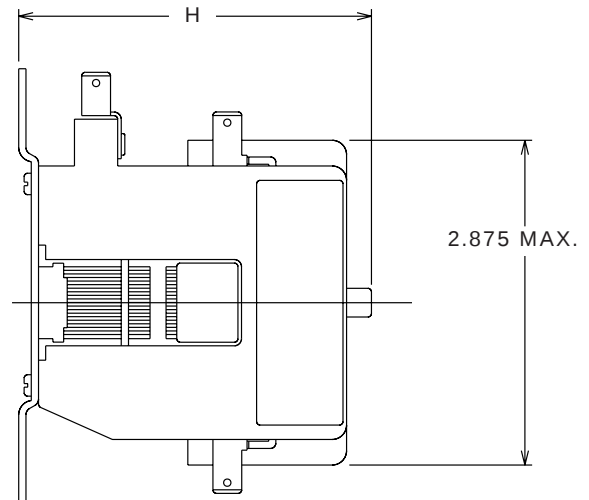
STANCOR 83

A.C. Power Contactors-Type 154

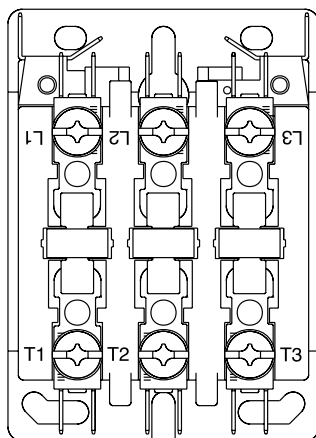
Type 154



MOUNTING DETAIL



154-902 THRU 905



154-907 THRU 915

