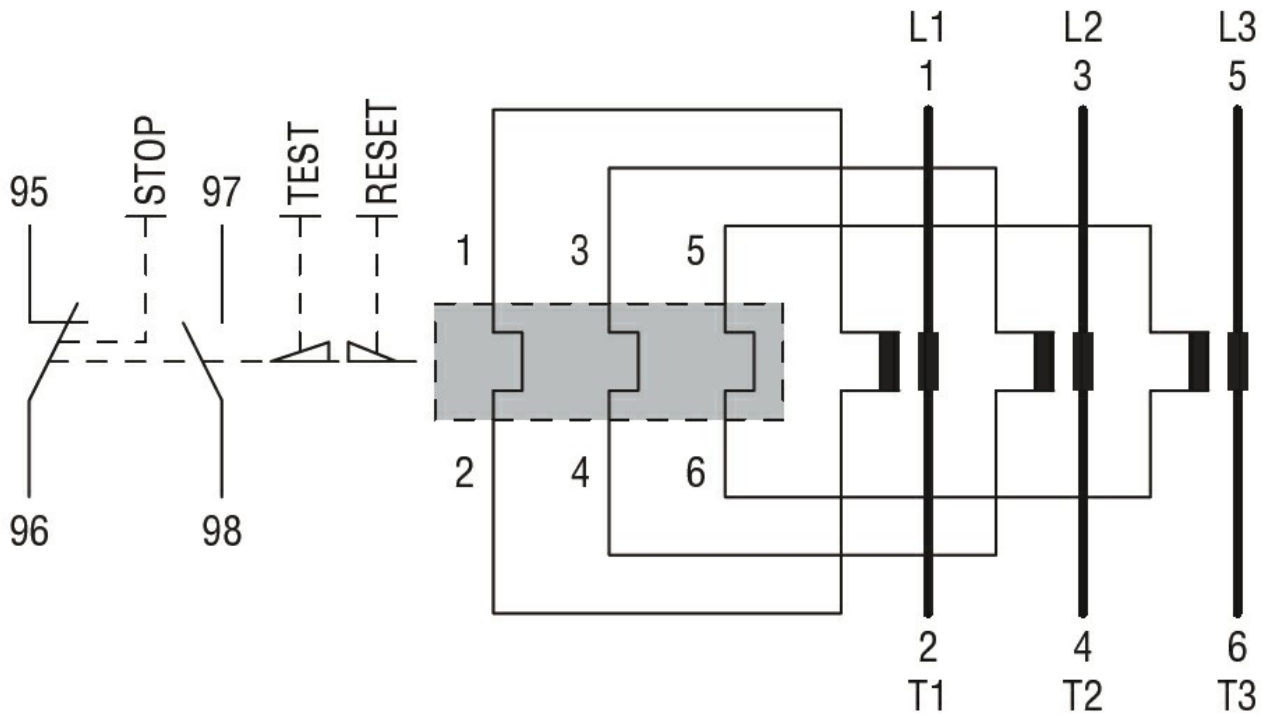




Product designation	RF200		
Product type designation	Motor protection relay		
General characteristics			
Number of poles	nr.	3	
Overvoltage category	III		
Pollution degree	3		
Frontal IP degree	IP20		
Type of release	Thermal		
Protection fuse			
	gG (IEC)	A	250
	aM (IEC)	A	160
	K5 (UL)	A	500
Phase failure detection	no		
Reset mode	Manual or automatic		
Power circuit characteristics			
Rated insulation voltage U_i	V	1000	
Rated impulse withstand voltage U_{imp}	kV	6	
Rated operational voltage	V	690	
Operating frequency			
	Operational frequency min	Hz	50
	Operational frequency max	Hz	60
Operating current			
	Operational current min	A	90
	Operational current max	A	150
Tripping class	10A		
Test Button	yes		
Trip indicator	yes		
Terminals			
	type	screw and flat washer	
	screw	M8	
	width	mm	20
	tool	Bar 13mm	
Tightening torque for terminals			
	min	Nm	18
	max	Nm	18
	min	lbft	13.3
	max	lbft	13.3
Auxiliary circuit characteristics			
Auxiliary contacts			
	NO	nr.	1
	NC	nr.	1
Rated insulation voltage U_i	V	690	

Rated impulse withstand voltage Uimp		kV	6
Rated operational voltage		V	690
Operating current AC15	24V	A	3
	120V	A	3
	240V	A	1.5
	380V	A	0.95
	480V	A	0.75
	500V	A	0.72
	600V	A	0.6
Operating current DC13	125V	A	0.11
	600V	A	0.22
Conventional free air thermal current Ith		A	10
Terminals	type	Screw and washer	
	screw	M3,5	
	width	mm	8
	tool	Phillips 2	
Conductor section	Flexible w/o lug max	mm ²	2.5
	Flexible c/w lug max	mm ²	2.5
Tightening torque for terminals	min	Nm	0.8
	max	Nm	1
	min	lbft	0.59
	max	lbft	0.74
UL/CSA and IEC/EN 60947-5-1 designation		B600-R300	
Ambient conditions			
Operating temperature	min	°C	-25
	max	°C	60
Storage temperature	min	°C	-50
	max	°C	70
Compensation temperature	min	°C	-20
	max	°C	60
Max altitude		m	3000
Mechanical features			
Operating position	normal allowable	Vertical plan ±30°	
Weight		g	2150
UL technical data			
Full-load current (FLA) for three-phase AC motor	at 480V	A	150
	at 600V	A	150
Dimensions			
Wiring diagrams			



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-4-1

UL508

Certifications

cULus

EAC