

MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE (THREE-PHASE), MANUAL OR AUTOMATIC RESETTING, 120...200A



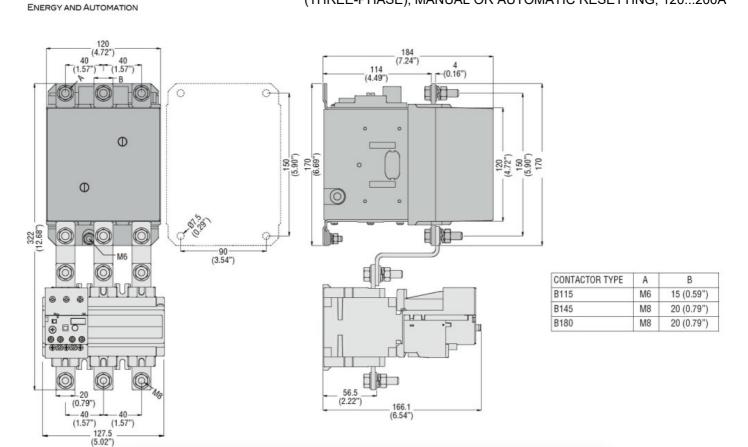
			4
Product designation			RF200
Product type designation			Motor protection
General characteristics			relay
Number of poles		Nr.	3
Overvoltage category			III
Pollution degree			3
Frontal IP degree			IP20
Type of release			Thermal
Protection fuse			
	gG (IEC)	Α	315
	aM (IEC)	Α	200
	K5 (UL)	Α	500
Phase failure detection			no
Reset mode			Manual or
			automatic
Power circuit characteristics			
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	6
Rated operational voltage		V	690
Operational frequency			
	min	Hz	50
	max	Hz	60
Operational current le			
	Operational current min	Α	120
	Operational current max	Α	200
Tripping class			10A
Test Button			yes
Trip indicator			yes
Terminals			1.01.4
	type		screw and flat washer
	screw		M8
	width	mm	20
	tool		Bar 13mm
Tightening torque for terminals	1001		34. 10.11111
gg torque for terrimidio	min	Nm	18
	max	Nm	18
	min	lbin	13.3
	max	lbin	13.3
Auxiliary circuit characteristics			
Auxiliary contacts			
•	NO	Nr.	1
	NC	Nr.	1

ENERGY AND AUTOMATION

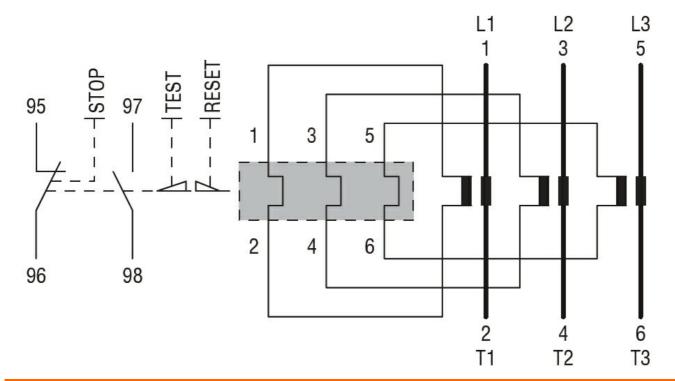
MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE (THREE-PHASE), MANUAL OR AUTOMATIC RESETTING, 120...200A

Auxiliary Rated impulse withstand voltage Uimp		kV	6
Auxiliary Rated operational voltage		V	690
Operating current AC15			
	24V	Α	3
	120V	Α	3
	240V	Α	1.5
	380V	Α	0.95
	480V	Α	0.75
	500V	Α	0.72
	600V	Α	0.6
Operating current DC13			
	125V	Α	0.11
	600V	A	0.22
IEC Conventional free air thermal current Ith		Α	10
Terminals			
	Auxiliary circuit type		screw and
			washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8
0 1 1	Auxiliary circuit tool		Phillips 2
Conductor section	A 112	2	0.5
	Auxiliary circuit Flexible w/o lug max	mm²	2.5
Tiektenia a tenance for tenania ele	Auxiliary circut Flexible c/w lug max	mm²	2.5
Tightening torque for terminals	A TP	N1	0.0
	Auxiliary circuit min	Nm	0.8
	Auxiliary circuit max Auxiliary circuit min	Nm Ibin	1 0.59
	Auxiliary circuit min	Ibin	0.59
UL/CSA and IEC/EN 60947-5-1 designation	Addition of the Addition of th	IDIII	B600-R300
Ambient conditions			D000-11300
Operating temperature			
Operating temperature	min	°C	-25
	max	°C	60
Storage temperature	ПОХ		
	min	°C	-50
	max	°C	70
Compensation temperature	mox		<u> </u>
1	min	°C	-20
	max	°C	60
Max altitude	.71607	m	3000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
Fixing			Screw
Weight		g	2150
UL technical data		<u> </u>	
Full-load current (FLA) for three-phase AC motor			
, , , , , , , , , , , , , , , , , , , ,	at 480V	Α	200
	at 600V	Α	200

MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE (THREE-PHASE), MANUAL OR AUTOMATIC RESETTING, 120...200A



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-4-1

UL508

Certifications



RF200200

MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE (THREE-PHASE), MANUAL OR AUTOMATIC RESETTING, 120...200A

cULus
EAC

ETIM classification

ETIM 8.0

EC000106 -Thermal overload relay