



Product designation		A sum	RF38
Product type designation			Motor protection
			relay
General characteristics			2
Number of poles		nr.	3
Overvoltage category			<u>   </u> 3
Pollution degree			 IP20
Frontal IP degree			
Type of release Protection fuse			Thermal
FIDIECTION TUSE	gG (IEC)	۸	6
	aM (IEC)	A A	4
	RK5 (UL)	A	4 15
Phase failure detection		~	Yes
			manual or
Reset mode			automatic
Power circuit characteristics			
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Rated operational voltage		V	690
Operational frequency			
	min	Hz	0
	max	Hz	400
Operational current le			
	Operational current min	А	2.5
	Operational current max	Α	4
Tripping class			10A
Test Button			yes
Trip indicator			yes
Terminals			
	type		screw and
	., P -		washer
	screw		M4
	width	mm	12.6
The contract of the contract of	tool		Phillips 2
Tightening torque for terminals		Nim	0
	min	Nm	2
	Max	Nm	2.5
	min	lbin Ibin	1.5 1.8
Conductor section	max	חומו	1.0
	AWG/kcmil max		8
Auxiliary circuit characteristics			J
Auxiliary contacts			
	NO	nr.	1
	110		•



NC     nr.     1       Auxiliary Rated insultation voltage UI: IEC/EN     V     690       Auxiliary Rated insultand voltage Uimp     kV     6       Auxiliary Rated operational voltage     V     690       Operating current AC15     24V     A     3       240V     A     3     240V     A     3       240V     A     0.55     360V     A     0.55       380V     A     0.75     500V     A     0.6       Operating current DC13     125V     A     0.11     600V     A     0.22       IEC Conventional free air thermal current Ith     A     10     Terminals     Screw and washer     MX5,5       Auxiliary circuit trave     Auxiliary circuit trave     MX5,5     MX5,5     Screw and washer       Auxiliary circuit flexible w/o lug max     mm*     2.5     Screw and washer     MX5,5       Conductor section     Auxiliary circuit Texible c/w lug max     mm*     2.5     Screw and washer       Auxiliary circuit Texible c/w lug max     mm*     2.5     Screw and washer				
Auxiliary Rated impulse withstand voltage   KV   6     Auxiliary Rated operating urrent AC15   24V   A   3     Qerating current AC15   24V   A   3     2400V   A   15   380V   A   0.95     4800V   A   0.72   500V   A   0.6     Operating current DC13   125V   A   0.11   600V   A   0.22     IEC Conventional free air thermal current lth   A   10   Terminals   Screw and washer     Auxiliary circuit screw   M3,5   mm*   8   Phillips 2     Conductor section   Auxiliary circuit flexible w/o lug max   mm*   2.5     Tightening torque for terminals   Auxiliary circuit flexible w/o lug max   mm*   2.5     Tightening torque for terminals   Auxiliary circuit mix   Nm   1     Auxiliary circuit max   Nm   1   1   0.59     Auxiliary circuit max   Max   1   0.74   0.59     Conductor section   Auxiliary circuit max   Nm   1   1   0.59     UL/CSA and IEC/EN 60947-5-1 designation   Maxili		NC		
Auxiliary Rated operational voltage     V     690       Operating current AC15     24V     A     3       120V     A     3     120V     A     3       2400V     A     1.5     380V     A     0.95       380V     A     0.75     500V     A     0.75       500V     A     0.72     600V     A     0.6       Operating current DC13     125V     A     0.11       125V     A     0.11     600V     A     0.22       125C Conventional free air thermal current lth     A     10     10       Terminals     Auxiliary circuit trops     screw and washer     M3.5       Auxiliary circuit relevable wol tyg max     mm*     2.5     11       Conductor section     Auxiliary circuit relevable wol tyg max     mm*     2.5       Tightening torque for terminals     Auxiliary circuit max     Nm     1       Auxiliary circuit relevable wol tyg max     mm*     2.5     1       Tightening torque for terminals     Auxiliary circuit max     Nm <td></td> <td></td> <td></td> <td></td>				
Operating current AC15     24V     A     3       2400     A     3     240V     A     3       2400     A     15     380V     A     0.95       380V     A     0.72     500V     A     0.6       Operating current DC13     125V     A     0.11     600V     A     0.22       IEC Conventional free air thermal current lth     A     10     screw and washer     Musiliary circuit type     washer       Auxiliary circuit vicith     A     10     mm     8       Conductor section     Auxiliary circuit screw     M3.5     Musiliary circuit width     mm     8       Auxiliary circuit Flexible w/o log max     mm²     2.5     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     10     0.59     10     10     10     0.59     10     10     <				
24V     A     3       120V     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       125V     A     0.11       600V     A     0.22       IEC Conventional free air thermal current Ith     A     10       Terminals     Screw and washer     Maxiliary circuit screw       Auxiliary circuit screw     M3.5     M3.5       Conductor section     Auxiliary circuit tool     Phillips 2       Conductor section     Auxiliary circuit min     Nm       Auxiliary circuit Tiexible Wol Ug max     mm*     2.5       Tightening torque for terminals     Auxiliary circuit min     Nm       Auxiliary circuit min     Nm     1     0.8       Auxiliary circuit min     Nm     1     0.59       Auxiliary circuit max     Nm			V	690
120V     A     3       240V     A     1.5       380V     A     0.95       380V     A     0.75       500V     A     0.6       Operating current DC13     125V     A     0.11       600V     A     0.22     10     10       Terminals     A     10     10     10       Terminals     Auxiliary circuit type     screw and wesher     wesher       Auxiliary circuit width     A     10     10       Terminals     Auxiliary circuit width     mm     8       Conductor section     Auxiliary circuit width     mm     8       Auxiliary circuit min     Nm     1     1       Auxiliary circuit min     Nm     1     0.59       Auxiliary circuit min	Operating current AC15			
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     IEC Conventional free air thermal current Ith     A     10       Terminals     Auxiliary circuit screw     M3.5     M3.5       Auxiliary circuit screw     M3.5     M3.5     M3.5       Conductor section     Auxiliary circuit screw     M3.5     M3.5       Auxiliary circuit fue for terminals     mm     8     2.5       Tightening torque for terminals     mm*     2.5     mm*       Auxiliary circuit max     Nm     1     Nm     1			А	
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     125V     A     0.11       7     5     5     5     5     5     5       Conductor section     Auxiliary circuit with M     mm 8     8     5     8       Auxiliary circuit min Lauxiliary		120V	Α	3
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		240V	А	1.5
500V     A     0.72       600V     A     0.6       Operating current DC13     125V     A     0.11       600V     A     0.22     IEC conventional free air thermal current lth     A     0.02       Terminals     Auxiliary circuit screw     M3.5     mm     8       Auxiliary circuit screw     M3.5     mm     8       Auxiliary circuit screw     M3.5     mm     8       Conductor section     Auxiliary circuit Flexible w/o lug max     mm²     2.5       Tightening torque for terminals     Nm     0.8     Nm     1       Auxiliary circuit Flexible c/w lug max     mm²     2.5     1       Tightening torque for terminals     Auxiliary circuit min     Nm     1     1       Auxiliary circuit min     Nm     1     1     1     1       Operating temperature     min     °C     60     60     60       Antibiary circuit max     Nm     1     1     1     1     1     1     1     1     1     1 <td< td=""><td></td><td>380V</td><td>А</td><td>0.95</td></td<>		380V	А	0.95
600V     A     0.6       Operating current DC13     125V     A     0.11       600V     A     0.22       IEC Conventional free air thermal current lth     A     10       Terminals     Screw and washer     Muxiliary circuit type     Screw and washer       Auxiliary circuit screw     M3,5     mm     8       Auxiliary circuit screw     M3,5     mm     8       Auxiliary circuit flexible w/o lug max     mm²     2.5       Conductor section     Auxiliary circuit Flexible w/o lug max     mm²     2.5       Tightening torque for terminals     Auxiliary circuit flexible w/o lug max     mm²     2.5       Tightening torque for terminals     Auxiliary circuit min     Nm     0.8       Auxiliary circuit min     Nm     0.8     1       Auxiliary circuit min     Nm     1     0.74       UL/CSA and IEC/EN 60947-5-1 designation     B600-R300     B600-R300       Ambient conditions     Operating temperature     min     °C     -25       Compensation temperature     min     °C     -20     -20		480V	А	0.75
Operating current DC13   125V   A   0.11     600V   A   0.22     IEC Conventional free air thermal current lth   A   10     Terminals   Screw and washer   Screw and washer     Auxiliary circuit type   Screw and washer     Auxiliary circuit width Auxiliary circuit width Auxiliary circuit tool   MB     Phillips 2   Phillips 2     Conductor section   Auxiliary circuit Flexible w/o lug max Auxiliary circuit min Auxiliary circuit min Auxiliary circuit min Auxiliary circuit max Auxiliary circu		500V	А	0.72
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		600V	А	0.6
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Operating current DC13			
600V A 0.22   IEC Conventional free air thermal current lth A 10   Terminals Screw and washer Screw and washer   Auxiliary circuit screw Muxiliary circuit screw M3.5   Auxiliary circuit tocle M3.5 M3.5   Conductor section Auxiliary circuit flexible w/o lug max mm* 2.5   Conductor section Auxiliary circuit Flexible w/o lug max mm* 2.5   Tightening torque for terminals Auxiliary circuit min Nm 0.8   Auxiliary circuit min Nm 0.8 Nm 1   Auxiliary circuit min Nm 1 0.74   UL/CSA and IEC/EN 60947-5-1 designation B600-R300 Ambient conditions 074   Operating temperature min °C -25   Storage temperature min °C -20   max °C 60 100   Max altitude m 3000 100   Meridat features min °C -20   Max altitude m 3000 100   Meridat features min °C -20   Operating position normal 400 40		125V	А	0.11
IEC Conventional free air thermal current lth   A   10     Terminals   Auxiliary circuit type   screw and washer     Auxiliary circuit screw   M3,5     Auxiliary circuit width   mm     Auxiliary circuit tool   mm*     Conductor section   Auxiliary circuit flexible w/o lug max   mm*   2.5     Tightening torque for terminals   Auxiliary circuit max   mm*   2.5     Tightening torque for terminals   Auxiliary circuit max   Nm   1     Auxiliary circuit max   Nm   1   0.8     Auxiliary circuit max   Nm   1   0.59     Auxiliary circuit max   Nm   1   0.74     UL/CSA and IEC/EN 60947-5-1 designation   B600-R300   B600-R300     Ambient conditions   min   °C   -25     Operating temperature   min   °C   -25     max   °C   60   10     Storage temperature   min   °C   -20     max   °C   60   10   10     Max altitude   max   °C   60   10     Mechanical features				
Terminals Auxiliary circuit type screw and washer   Auxiliary circuit screw M3,5   Auxiliary circuit width mm   Auxiliary circuit tool Phillips 2   Conductor section Auxiliary circuit Flexible w/o lug max mm²   Auxiliary circuit Flexible w/o lug max mm² 2.5   Tightening torque for terminals Auxiliary circuit max mm² 2.5   Auxiliary circuit max Nm 0.8   Auxiliary circuit max Nm 1   Operating temperature min °C   max °C 60   Max	IEC Conventional free air thermal current Ith			
Auxiliary circuit type Screw and washer   Auxiliary circuit screw M3,5   Auxiliary circuit width mm   Auxiliary circuit tool mm²   Conductor section Auxiliary circuit Flexible w/o lug max   Auxiliary circuit Flexible w/o lug max mm²   2.5 Auxiliary circuit min   Auxiliary circuit max Nm   Muxiliary circuit max Nm   Muxiliary circuit max Nm   Muxiliary circuit max Nm   Operating position "C   Max atitude max   Max atitude max				10
Auxiliary circuit screw Auxiliary circuit screw Auxiliary circuit forth Auxiliary circuit forth Auxiliary circuit flexible w/o lug max Auxiliary circuit Flexible w/o lug max Auxiliary circuit Flexible w/o lug max Auxiliary circuit flexible c/w lug max mm² 2.5 Tightening torque for terminals Auxiliary circuit max Auxiliary circui	renninais			scrow and
Auxiliary circuit screw Auxiliary circuit width Auxiliary circuit tool Mm 8   Conductor section Auxiliary circuit tool Phillips 2   Conductor section Auxiliary circuit Flexible w/o lug max Auxiliary circuit Flexible c/w lug max mm² 2.5   Tightening torque for terminals Auxiliary circuit min Auxiliary circuit min Auxiliary circuit max Auxiliary circuit min Nm 0.8   Auxiliary circuit min Auxiliary circuit min Auxiliary circuit min Nm 1   Auxiliary circuit min Auxiliary circuit min Nm 1   Auxiliary circuit max Nm 1   Auxiliary circuit max Nm 1   Auxiliary circuit max Nm 1   Auxiliary circuit min Nm 0.8   Auxiliary circuit max Nm 1   B600-R300 B600-R300 8   Auxiliary circuit max Mm °C -25   Max °C 60   Storage temperature max °C		Auxiliary circuit type		
Auxiliary circuit width Auxiliary circuit tool mm 8 Phillips 2   Conductor section Auxiliary circuit Flexible w/o lug max Auxiliary circuit Flexible c/w lug max mm² 2.5   Tightening torque for terminals mm² 2.5   Tightening torque for terminals Nm 0.8   Auxiliary circuit min Auxiliary circuit min Auxiliary circuit max Nm 0.8   Auxiliary circuit min Auxiliary circuit max Nm 1   Auxiliary circuit min Auxiliary circuit max Nm 1   Auxiliary circuit max Nm 1   Du/CSA and IEC/EN 60947-5-1 designation B600-R300   Ambient conditions E -25   Operating temperature min °C   max °C 60   Max altitude m 3000   Mechanical features<		Auviliany direuit coresy		
Auxiliary circuit tool Phillips 2   Conductor section Auxiliary circuit Flexible w/o lug max Auxiliary circuit Flexible c/w lug max mm² 2.5   Tightening torque for terminals Auxiliary circuit min Auxiliary circuit max Nm 0.8   Auxiliary circuit max Nm 1 0.59   Auxiliary circuit max Nm 1   Auxiliary circuit max Ibin 0.74   UL/CSA and IEC/EN 60947-5-1 designation B600-R300   Ambient conditions B600-R300   Operating temperature min °C   operating temperature min °C   max °C 60   Storage temperature min °C   max °C 70   Compensation temperature min °C   max °C 60   Max altitude m 3000   Mechanical features mormal Vertical plan   operating position g 160   UL/L technical data #30° Yertical plan   allowable #30° 4			~~~	
Conductor section   Auxiliary circuit Flexible w/o lug max   mm²   2.5     Tightening torque for terminals   Auxiliary circuit Flexible c/w lug max   mm²   2.5     Tightening torque for terminals   Auxiliary circuit min   Nm   0.8     Auxiliary circuit max   Nm   1   1     Auxiliary circuit max   Nm   1   1   1     Auxiliary circuit max   Ibin   0.59   1   1     Operating temperature   min   °C   -20   1   1     Max altitude   m   3000   1   1			mm	
Auxiliary circuit Flexible w/o lug max Auxiliary circut Flexible c/w lug maxmm²2.5Tightening torque for terminalsAuxiliary circuit min Auxiliary circuit max Auxiliary circuit max BinNm0.8UL/CSA and IEC/EN 60947-5-1 designationB600-R300Auxiliary circuit max Auxiliary circuit maxNm1UL/CSA and IEC/EN 60947-5-1 designationB600-R300Auxiliary circuit max Auxiliary circuit maxNm1Operating temperaturemin°C-25-25Storage temperaturemin°C-25-25Compensation temperaturemin°C-50-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000-20-20Max altitudem3000 <td></td> <td>Auxiliary circuit tool</td> <td></td> <td>Phillips 2</td>		Auxiliary circuit tool		Phillips 2
Auxiliary circut Flexible c/w lug maxmm²2.5Tightening torque for terminalsAuxiliary circuit min Auxiliary circuit max Auxiliary circuit max Auxiliary circuit max Auxiliary circuit max IbinNm1Auxiliary circuit max Auxiliary circuit max Auxiliary circuit max Ibin0.591Auxiliary circuit max Auxiliary circuit max Ibin0.741UL/CSA and IEC/EN 60947-5-1 designationB600-R3002Ambient conditionsB600-R3002Operating temperaturemin °C-25max °C603Storage temperaturemin max °C-50Compensation temperaturemin °C-20max °C603000Max altitudem3000Mechanical featuresmormal allowableVertical plan ±30°Operating positiong160UL technical data	Conductor section		•	<b>.</b> -
Tightening torque for terminals   Auxiliary circuit min Auxiliary circuit max Auxiliary circuit max Nm   Nm   0.8 Nm     Auxiliary circuit max Auxiliary circuit max Nm   Nm   1 Auxiliary circuit max Nm   1 Nm     UL/CSA and IEC/EN 60947-5-1 designation   B600-R300     Ambient conditions   B600-R300     Operating temperature   min   °C     max   °C   60     Storage temperature   min   °C     max   °C   60     Compensation temperature   min   °C     max   °C   60     Max altitude   m   3000     Mechanical features   min   °C     Operating position   normal   Vertical plan ±30°     Weight   g   160     UL technical data   tat 80V   A     Full-load current (FLA) for three-phase AC motor   at 480V   A				
Auxiliary circuit min Auxiliary circuit max Auxiliary circuit max B600-R300UL/CSA and IEC/EN 60947-5-1 designationB600-R300Ambient conditionsB600-R300Ambient conditionsB600-R300Operating temperaturemin °C °COperating temperaturemin °C °CCompensation temperaturemin °C °CMax altitudem 3000Mechanical featuresmin °C °COperating positionnormal allowableVertical plan ±30°yertical plan ±30°Vertical plan ±30°g 160UL technical datag t 160Full-load current (FLA) for three-phase AC motorat 480V A A t 600V		Auxiliary circut Flexible c/w lug max	mm²	2.5
Auxiliary circuit max Auxiliary circuit max Auxiliary circuit max Auxiliary circuit maxNm1Ibin0.59Ibin0.74UL/CSA and IEC/EN 60947-5-1 designationB600-R300Ambient conditionsToOperating temperaturemin°C-25max°CMax°C60Storage temperaturemin°C-25max°CCompensation temperaturemin°CMax altitudemin°C-20max°COperating positionmin°C-20-20maxMax altitudem3000Mechanical features	Tightening torque for terminals			
Auxiliary circuit min Auxiliary circuit maxIbin0.59 0.74UL/CSA and IEC/EN 60947-5-1 designationB600-R300Ambient conditions		-	Nm	0.8
Auxiliary circuit maxIbin0.74UL/CSA and IEC/EN 60947-5-1 designationB600-R300Ambient conditionsOperating temperatureOperating temperaturemin°C-25max°CStorage temperaturemin°CStorage temperaturemin°C-25-20maxmax°C70Compensation temperaturemin°C-20-20maxmax°C60Max attitudem3000Mechanical features		•	Nm	1
UL/CSA and IEC/EN 60947-5-1 designation   B600-R300     Ambient conditions   min °C -25     Operating temperature   min °C -25     max °C 60   60     Storage temperature   min °C -50     max °C 70   70     Compensation temperature   min °C -20     max °C 60   60     Max altitude   m 3000     Mechanical features   min °C -20     Operating position   min °C - 400     Vertical plan allowable   ±30°     Weight   g 160     UL technical data   Full-load current (FLA) for three-phase AC motor     at 480V   A 4     at 600V   A 4		Auxiliary circuit min	Ibin	0.59
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   0   m     Operating position   normal   Vertical plan     allowable   ±30°   400     UL technical data   T   500     Full-load current (FLA) for three-phase AC motor   at 480V   A   4		Auxiliary circuit max	lbin	0.74
Operating temperaturemin $^{\circ}C$ $^{\circ}C$ $-25$ max $^{\circ}C$ $60$ Storage temperaturemin $^{\circ}C$ $^{\circ}C$ $-50$ max $^{\circ}C$ $70$ Compensation temperaturemin $^{\circ}C$ $^{\circ}C$ $-20$ max $^{\circ}C$ $^{\circ}C$ Max altitudem $3000$ $^{\circ}C$ $Mechanical featuresOperating positionnormalallowableVertical plan\pm 30^{\circ}Weightg160160UL technical dataFull-load current (FLA) for three-phase AC motorat 80VAA4$	UL/CSA and IEC/EN 60947-5-1 designation			B600-R300
$\begin{array}{c cccc} & \min & ^{\circ}\text{C} & -25 \\ max & ^{\circ}\text{C} & 60 \\ \hline \\ \text{Storage temperature} & & & & \\ & \min & ^{\circ}\text{C} & -50 \\ max & ^{\circ}\text{C} & 70 \\ \hline \\ \text{Compensation temperature} & & & & \\ & \min & ^{\circ}\text{C} & -20 \\ max & ^{\circ}\text{C} & 60 \\ \hline \\ \text{Max altitude} & & m & 3000 \\ \hline \\ \text{Max altitude} & & m & 3000 \\ \hline \\ \text{Max altitude} & & m & 3000 \\ \hline \\ \text{Mechanical features} & & & \\ \hline \\ \text{Operating position} & & & \\ \hline \\ \text{Operating position} & & & \\ \hline \\ \text{Weight} & & g & 160 \\ \hline \\ \hline \\ \text{UL technical data} & & \\ \hline \\ \text{Full-load current (FLA) for three-phase AC motor} & \\ \hline \\ \begin{array}{c} \text{min} & & ^{\circ}\text{C} & -20 \\ max & ^{\circ}\text{C} & 60 \\ \hline \\ \text{Max altitude} & & m & 3000 \\ \hline \\ \text{Max altitude} & & m & 3000 \\ \hline \\ \text{Max altitude} & & & \\ \hline \\ \text{Max altitude} & & & \\ \hline \\ \text{Max altitude} & & & \\ \hline \\ \text{Full-load current (FLA) for three-phase AC motor} & \\ \hline \\ \begin{array}{c} \text{at } 480V & \text{A} & 4 \\ \text{at } 600V & \text{A} & 4 \\ \hline \end{array} \end{array}$	Ambient conditions			
$\begin{array}{c c c c c c c } & max & ^{\circ}C & 60 \\ \hline Storage temperature & & & & \\ & min & ^{\circ}C & -50 & & \\ & max & ^{\circ}C & 70 & & \\ \hline Compensation temperature & & & & \\ & min & ^{\circ}C & -20 & & \\ & max & ^{\circ}C & 60 & & \\ \hline Max altitude & & m & 3000 & & \\ \hline Max altitude & & m & 3000 & & \\ \hline Mechanical features & & & & \\ \hline Operating position & & & & \\ \hline Operating position & & & & \\ \hline Operating position & & & & \\ \hline Meight & & g & 160 & & \\ \hline UL technical data & & & \\ \hline Full-load current (FLA) for three-phase AC motor & & \\ \hline at 480V & A & 4 & \\ \hline at 600V & A & 4 & \\ \hline \end{array}$	Operating temperature			
$\begin{array}{c c c c c c c } & max & ^{\circ}C & 60 \\ \hline Storage temperature & & & & \\ & min & ^{\circ}C & -50 & & \\ & max & ^{\circ}C & 70 & & \\ \hline Compensation temperature & & & & \\ & min & ^{\circ}C & -20 & & \\ & max & ^{\circ}C & 60 & & \\ \hline Max altitude & & m & 3000 & & \\ \hline Max altitude & & m & 3000 & & \\ \hline Mechanical features & & & & \\ \hline Operating position & & & & \\ \hline Operating position & & & & \\ \hline Operating position & & & & \\ \hline Meight & & g & 160 & & \\ \hline UL technical data & & & \\ \hline Full-load current (FLA) for three-phase AC motor & & \\ \hline at 480V & A & 4 & \\ \hline at 600V & A & 4 & \\ \hline \end{array}$		min	°C	-25
Storage temperature   min   °C   -50     max   °C   70     Compensation temperature   min   °C   -20     max   °C   60     Max altitude   m   3000     Mechanical features   m   3000     Operating position   normal   Vertical plan     allowable   ±30°   ±30°     Weight   g   160     UL technical data   Full-load current (FLA) for three-phase AC motor   at 480V   A   4     at 600V   A   4   4   4				
$\begin{array}{c cccc} & \min & ^{\circ} C & -50 \\ max & ^{\circ} C & 70 \\ \hline \\ $	Storage temperature			
max°C70Compensation temperaturemin°C-20max°C60Max altitudem3000Mechanical featuresm3000Operating positionuunormalVertical planallowable±30°Weightg160UL technical datauFull-load current (FLA) for three-phase AC motorat 480VA4at 600VA4		min	°C	-50
Compensation temperature   min   °C   -20     max   °C   60     Max altitude   m   3000     Mechanical features   m   3000     Operating position   rormal   Vertical plan     allowable   ±30°     Weight   g   160     UL technical data   rormat   rormat     Full-load current (FLA) for three-phase AC motor   at 480V   A   4     at 600V   A   4   4				
min max°C °C-20 60Max altitudem3000Mechanical featuresm3000Operating positionnormal allowableVertical plan ±30°Weightg160UL technical dataFull-load current (FLA) for three-phase AC motorat 480V at 480V at 600VA4	Compensation temperature		-	
max°C60Max altitudem3000Mechanical featuresOperating positionnormal allowableVertical plan ±30°Weightg160UL technical dataFull-load current (FLA) for three-phase AC motorat 480V at 600VA4		min	°C	-20
Max altitude   m   3000     Mechanical features   Operating position   Vertical plan     allowable   ±30°     Weight   g   160     UL technical data   Full-load current (FLA) for three-phase AC motor   at 480V   A   4     at 600V   A   4				
Mechanical features     Operating position     normal   Vertical plan     allowable   ±30°     Weight   g   160     UL technical data   Full-load current (FLA) for three-phase AC motor   at 480V   A   4     at 600V   A   4   A   A   A	Max altitude	Παλ		
Operating position   normal allowable   Vertical plan ±30°     allowable   ±30°     Weight   g   160     UL technical data   Full-load current (FLA) for three-phase AC motor   at 480V   A   4     at 600V   A   4   4   A   4			111	5000
normal allowableVertical plan ±30°WeightgUL technical dataFull-load current (FLA) for three-phase AC motorat 480V at 600VA4				
allowable±30°Weightg160UL technical data				Vertical
Weightg160UL technical data				-
UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 4 at 600V A 4		allowable		
Full-load current (FLA) for three-phase AC motor at 480V A 4 at 600V A 4			g	160
at 480V A 4 at 600V A 4				
at 600V A 4	Full-load current (FLA) for three-phase AC motor			
Dimensions		at 600V	А	4
	Dimensions			

RF380400

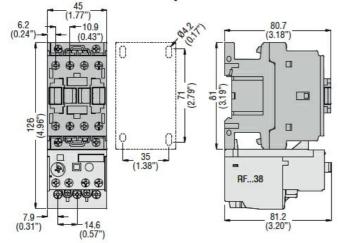
## BF00 A... BF09 A... - BF12 A... - BF18 A... - BF25 A... three poles with

RF...38 thermal overload relay

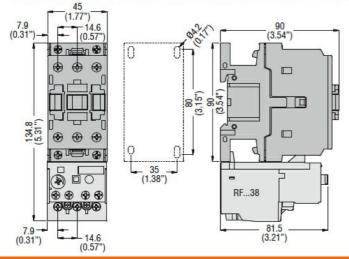
OV

ENERGY AND AUTOMATION

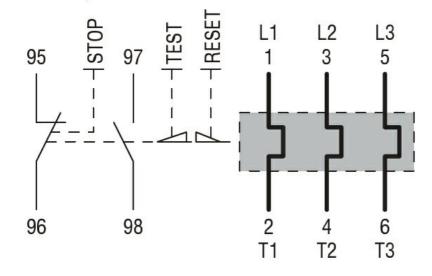
electric



BF26 00A... - BF32 00A... - BF38 00A... three poles with RF...38 thermal overload relay



Wiring diagrams



## Certifications and compliance

## Compliance

CSA C22.2 n° 14 IEC/EN 60947-1 IEC/EN 60947-4-1



	UL508
Certifications	
	CCC
	cULus
	EAC