



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	315
	aM (IEC)	A	200
	K5 (UL)	A	500
Phase failure detection			no
Reset mode			Manual or automatic
Power circuit characteristics			
Rated insulation voltage U_i IEC/EN	V		1000
Rated impulse withstand voltage U_{imp}	kV		6
Rated operational voltage	V		690
Operational frequency	min	Hz	50
	max	Hz	60
Operational current I_e	Operational current min	A	120
	Operational current max	A	200
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	Ibin	13.3
	max	Ibin	13.3
Auxiliary circuit characteristics			
Auxiliary contacts	NO	Nr.	1
	NC	Nr.	1
Auxiliary Rated insulation voltage U_i IEC/EN	V		690
Auxiliary Rated impulse withstand voltage U_{imp}	kV		6
Auxiliary 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
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Operating current DC13			
	125V	A	0.11
	600V	A	0.22
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IEC Conventional free air thermal current I _{th} ≤ 40°C		A	10
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Terminals			
	Auxiliary circuit type		screw and washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8
	Auxiliary circuit tool		Phillips 2
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Conductor section			
	Auxiliary circuit Flexible w/o lug max	mm ²	2.5
	Auxiliary circuit Flexible c/w lug max	mm ²	2.5
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Tightening torque for terminals			
	Auxiliary circuit min	Nm	0.8
	Auxiliary circuit max	Nm	1
	Auxiliary circuit min	Ibin	0.59
	Auxiliary circuit max	Ibin	0.74
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UL/CSA and IEC/EN 60947-5-1 designation			B600-R300
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Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	60
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Storage temperature			
	min	°C	-50
	max	°C	70
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Compensation temperature			
	min	°C	-20
	max	°C	60
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Max altitude		m	3000
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Mechanical features			
Operating position			
	normal allowable		Vertical plan ±30°
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Fixing			Screw
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Weight		g	2150
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UL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 480V	A	200
	at 600V	A	200
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Dimensions			

cULus
EAC

ETIM classification

ETIM 8.0

EC000106 -
Thermal overload
relay