

FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 28A, AC COIL 60HZ, 575VAC



			•
Product designation			Power contactor
Product type designation			BF12
Contact characteristics			
Number of poles		Nr.	4
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	28
Operational current le			
	AC-1 (≤40°C)	Α	28
	AC-1 (≤55°C)	Α	23
	AC-1 (≤70°C)	Α	20
	AC-3 (≤440V ≤55°C)	Α	12
	AC-4 (400V)	Α	7.9
Rated operational power AC-1 (T≤40°C)			
	230V	kW	10
	400V	kW	18
	500V	kW	23
	690V	kW	32
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
	≤24V	Α	17
	48V	Α	15
	75V	Α	13
	110V	Α	6
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	20
	48V	Α	20
	75V	Α	18
	110V	Α	13
	220V	Α	1
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
	≤24V	Α	22
	48V	Α	22
	75V	Α	20
	110V	Α	16
	220V	Α	11
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	20
	48V	Α	20
	75V	Α	20
	110V	Α	16
	220V	Α	12





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IEC max current le in l	DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
		≤24V	Α	12
		48V	Α	11
		75V	Α	10
		110V	Α	2
		220V	Α	_
IFC max current le in l	DC3-DC5 with L/R ≤ 15ms with 2 poles in series		- ' '	
ILO Max ourrent le im	DOO DOO WILL ETC = TOTAL WILL 2 POIGS IN SCHOOL	≤24V	Α	15
		324 V 48 V		
			A	13
		75V	Α	12
		110V	Α	8
		220V	Α	2
IEC max current le in l	DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
		≤24V	Α	18
		48V	Α	18
		75V	Α	15
		110V	Α	12
		220V	A	6
IFC may current le in l	DC3-DC5 with L/R ≤ 15ms with 4 poles in series	220 V	- , ,	
ILO IIIAA GUITEIILIE III I	DOO-DOO WILL LITE I TOILIS WILL 4 POICS III SCHOS	-24\ /	٨	15
		≤24V	A	15
		48V	Α	15
		75V	Α	15
		110V	Α	16
		220V	Α	7
Short-time allowable of	current for 10s (IEC/EN60947-1)		Α	150
Protection fuse				
		gG (IEC)	Α	32
		aM (IEC)	Α	12
Making capacity (RMS	value)	()	Α	120
Breaking capacity at vo				120
Dieaking capacity at vi	onay e	440\/	٨	06
		440V	A	96
		500V	Α	96
		690V	Α	94
Resistance per pole (a			mΩ	2.5
Power dissipation per	pole (average value)			
		Ith	W	2
		AC-3	W	0.4
Tightening torque for to	erminals			
		min	Nm	1.5
		max	Nm	1.8
		min	lbin	1.1
				1.5
Tightonian torms for	sail torminal	max	Ibin	1.0
Tightening torque for o	con terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.8
		max	lbin	0.74
Max number of wires s	simultaneously connectable		Nr.	2
Conductor section	·			
	AWG/Kcmil			
	A CONTROLLER	max		10
	Florible w/e lug conductor coeffee	Παλ		10
	Flexible w/o lug conductor section	!	na :=- ?	4
		min	mm²	1





FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 28A, AC COIL 60HZ,

Operating position normal allowable Vertical plan allowable Fixing Screw / DIN rail 35mm Weight g 350 Conductor section max 10 Operations Mechanical life cycles 20000000 Electrical life cycles 20000000 Electrical life cycles 2000000 Safety related data cycles 2000000 Performance level B10d according to EN/ISO 13489-1 rated load mechanical load cycles 2000000 Mirror contats according to IEC/EN 609474-4-1 yes 2000000 Mirror contats according to IEC/EN 609474-4-1 yes 2000000 Mirror contats according to IEC/EN 609474-4-1 yes 2000000 AC operating fof BC/IZ coil powered at 60Hz yes 2000000 AC operating voltage min %Us 80 AC average coil consumption at 20°C min %Us 80 AC average coil consumption at 20°C in-rush holding score soll yes 10 Max cycles frequency yes yes<				
Per Per		max	mm²	6
Play		Flexible c/w lug conductor section		
Flexible with insulated spade lug conductor section min min mm² 1 max mm² 4		min		1
Max			mm²	4
Power terminal protection according to IEC/EN 60529 IP20 when properly wired wired mechanical features IP20 when properly wired IP20 when properly		Flexible with insulated spade lug conductor section		
Power terminal protection according to IEC/EN 60529 IP20 when properly wired		min		
Prower ferminal protection according to IEC/EN 60529 properly wired wired with allowable states and allowable states are states and allowable states and a		max	mm²	
Mechanical features Operating position normal allowable Vertical plan ± 30° Fixing Screw / DIN rail 35mm Weight g 350° Conductor section max 10 Operations Mechanical life cycles 20000000 Electrical life cycles 2000000 Safety related data rated load cycles 2000000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 2000000 EMC compatibility yes yes AC coll operating Tated load cycles 2000000 EMC compatibility yes yes AC coll operating Voltage at 60Hz yes yes AC operating Voltage at 60Hz coil powered at 60Hz pick-up min %Us 80 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 Max cycles frequency yes Average time for Us contro	Power terminal protect	tion according to IEC/EN 60529		
Perica plan	Mechanical features			propony whod
Fixing Screw / DIN rail 35mm	Operating position			
Fixing Screw / DIN rail 35mm		normal		Vertical plan
Fixing g 35mm		allowable		
Weight	Finding or			Screw / DIN rail
Conductor section max 10 Operations Mechanical life cycles 20000000 Safety related data cycles 20000000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 EMC compatibility yes AC coll operating Rated AC voltage at 60Hz V 575 AC operating voltage min %Us 80 according voltage min %Us 80 drop-out min %Us 80 drop-out min %Us 20 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding VA 75 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency w 2.5 Max cycles frequency min min ms 8	Fixing			35mm
Conductor section max 10 Operations Mechanical life cycles 20000000 Safety related data cycles 20000000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 EMC compatibility yes AC coll operating Rated AC voltage at 60Hz V 575 AC operating voltage min %Us 80 according voltage min %Us 80 drop-out min %Us 80 drop-out min %Us 20 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding VA 75 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency w 2.5 Max cycles frequency min min ms 8	Weight		g	350
Operations Mechanical life cycles 20000000 Electrical life cycles 20000000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating Rated AC voltage at 60Hz yick-up min %Us 575 AC operating voltage min %Us 80 Max will be accorded at 60Hz min %Us 80 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding W 75 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding W 75 AC average frequency W 2.5 Max cycles frequency w y Departing times Average time for Us	Conductor section			
Operations Mechanical life cycles 20000000 Electrical life cycles 20000000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating Rated AC voltage at 60Hz yick-up min %Us 575 AC operating voltage min %Us 80 Max will be accorded at 60Hz min %Us 80 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding W 75 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding W 75 AC average frequency W 2.5 Max cycles frequency w y Departing times Average time for Us		AWG/kcmil conductor section		
Operations Cycles 20000000 Mechanical life cycles 20000000 Safety related data rated load cycles 20000000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coll operating AC operating voltage at 60Hz of 60Hz coil powered at 60Hz min %Us 80 max %Us 10 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 AC average coil consumption at 20°C in-rush VA 75 AC average coil consumption at 20°C w 2.5 Max cycles frequency Max cycles frequency w 2.5 Max cycles frequency cycles/h 3600 Operating times amax ms 8 Average time for Us control		max		10
Mechanical life Cycles 20000000 Electrical life Cycles 20000000 Safety related data Performance level B10d according to EN/ISO 13489-1 Performance le	Operations			
Electrical life cycles 2000000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 20000000 mechanical load cycles 20000000 mechanical load cycles 200000000 mechanical load cycles 30000000 mechanical load cycles 30000000 mechanical load cycles 30000000 mechanical load cycles 30000000 min ms 8 max ms 24 Opening NO min ms 10	Mechanical life		cycles	20000000
Safety related data Performance level B10d according to EN/ISO 13489-1 rated load mechanical load vocles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating yes Rated AC voltage at 60Hz V 575 AC operating voltage min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C in-rush yolk yolk yolk yolk yolk yolk yolk yolk	Electrical life		-	
Performance level B10d according to EN/ISO 13489-1 rated load mechanical load of cycles 20000000 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coll operating V 575 AC operating voltage min %Us 80 pick-up min %Us 110 drop-out min %Us 20 AC average coil consumption at 20°C min %Us 55 AC average coil consumption at 20°C in-rush holding VA 75 holding VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz w 2.5 X X 5 Max cycles frequency w 2.5 X 5 Mechanical operation cycles/h 3600 3600 Operating times min ms 8 Average time for Us control min ms 8 max min ms 8 Mean min ms 24			, , , , ,	
rated load mechanical load mechanical load mechanical load mechanical load mechanical load mechanical load volces 20000000 mechanical load volces 20000000 mechanical load volces 2000000000000000000000000000000000000		Od according to EN/ISO 13489-1		
Mirror contats according to IEC/EN 609474-4-1 mechanical load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes AC yes AC AC coll operating V 575 AC coll operating voltage V 575 AC operating voltage min %Us 80 80 Max %Us 110 Max %Us 110 Max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding VA 75 Max Molding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency W 2.5 Max cycles frequency Average time for Us control min ms 8 Max Max 24 Opening NO min ms 8 Max 24 Opening NO min ms 10 Max Max 10 Max Max 10 Max			cycles	2000000
Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz Of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz Max oycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10			-	
EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	Mirror contats according		0,0.00	
AC coil operating Rated AC voltage at 60Hz V 575 AC operating voltage min %Us 80 max %Us 110 drop-out min max %Us 55 110 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency W 2.5 Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC min ms 8 ms 24 Opening NO min ms 10		.5		
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max max %Us 110 drop-out min %Us 20 max max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush vA 75 holding VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency W 2.5 Mechanical operation cycles/h 3600 Operating times Average time for Us control min ms 8 max Closing NO min ms 8 max max ms 24 Opening NO min ms 10				,
AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10		0Hz	V	575
of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush No 10ding VA 9 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	·			
Pick-up min %Us 80 max %Us 110 Morp-out min %Us 20 max %Us 55 Morp-out min %Us 55 Morp-out min %Us 55 Morp-out min %Us 55 Morp-out min Morp-out min Morp-out min Morp-out min ms 8 max ms 24 Opening NO min ms 10 Morp-out max %Us 55 Morp-out min ms 10 Morp-out min morp-out min ms 10 Morp-out min ms 10 Morp-out min morp-out min	rio oporaning romage	of 60Hz coil powered at 60Hz		
min MUS 80 max MUS 110				
Max %Us 110 Min min max %Us 20 max %Us 55 AC average coil consumption at 20°C Of 60Hz coil powered at 60Hz In-rush NA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency W Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10 min ms 1			%Us	80
drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C				
min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10			-	
AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10		•	%Us	20
AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10				
of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	AC average coil consu			
in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	Ü			
Dissipation at holding ≤20°C 50HzNW2.5Max cycles frequencyMechanical operationcycles/h3600Operating timesAverage time for Us controlIn ACIn ACIn Image: Closing NOImage: Closing NOImage: Max Ms 24Opening NOImage: Min Ms 10Image: Min Ms 10			VA	75
Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10				
Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	Dissipation at holding:			
Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10				
Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10			cycles/h	3600
Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10				
in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	-	ontrol		
Closing NO min ms 8 max ms 24 Opening NO min ms 10	ŭ			
min ms 8 max ms 24 Opening NO min ms 10				
max ms 24 Opening NO min ms 10			ms	8
Opening NO min ms 10				
min ms 10			••••	
		• •	ms	10
		max		20



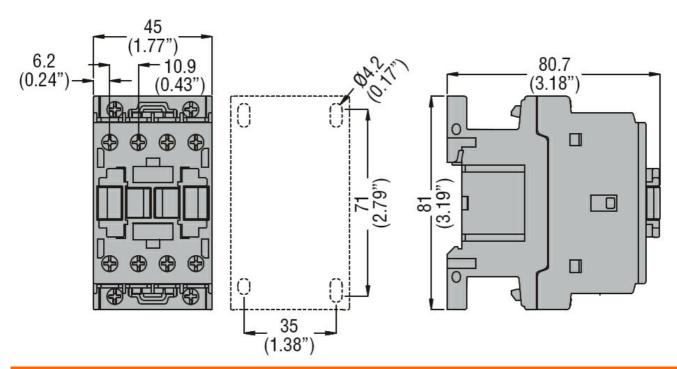


FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 28A, AC COIL 60HZ,

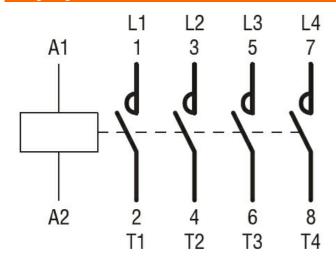
Min		Closing NC			
Opening NC		ŭ	min	ms	14
Min			max	ms	28
Min		Opening NC			
Vicinity Contactor Conta			min	ms	7
Full-load current (FLA) for three-phase AC motor at 480V A 11 at 600V A 11 Yielded mechanical performance for single-phase AC motor 110/120V HP 1 230V HP 2 for three-phase AC motor 200/208V HP 5 220/230V HP 5 460/480V HP 7.5 575/600V HP 10 General USE Contactor AC current A 28 Short-circuit protection fuse, 600V High fault Short circuit current Fuse rating A 30 Fuse class J Standard fault Short circuit current Fuse rating A 30 Fuse class J Standard fault Short circuit current Fuse rating A 70 Ambient conditions Temperature Operating temperature Operating temperature Storage temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Resistance & Protection Resistance & Protection Resistance & Protection Resistance & Protection Pollution degree 3			max	ms	18
A 1480V	UL technical data				
Yielded mechanical performance for single-phase AC motor	Full-load current (FL/	A) for three-phase AC motor			
Yielded mechanical performance for single-phase AC motor 110/120V HP 1 230V HP 2 for three-phase AC motor 200/208V HP 5 220/230V HP 5 220/230V HP 5 460/480V HP 7.5 575/600V HP 10 Short-circuit protection fuse, 600V High fault Short circuit current Fuse rating A 30 Fuse class J Standard fault Short circuit current Fuse rating A 70 Ambient conditions Temperature Operating temperature Operating temperature min °C -50 max °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude max °C 80 Max altitude Resistance & Protection Pollution degree 3			at 480V	Α	11
For single-phase AC motor			at 600V	Α	11
110/120V	Yielded mechanical	performance			
Short-circuit protection fuse, 600V High fault Short circuit current KA 5 5 5 5 5 5 5 5 5		for single-phase AC motor			
For three-phase AC motor			110/120V	HP	1
200/208V			230V	HP	2
Contactor		for three-phase AC motor			
A60/480V			200/208V	HP	5
S75/600V HP 10			220/230V	HP	5
Contactor			460/480V	HP	7.5
Contactor			575/600V	HP	10
AC current	General USE				
Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 70 Ambient conditions Temperature Operating temperature Min °C -50 Max °C 70 Storage temperature Min °C -60 Max °C 80 Max altitude Min 3000 Resistance & Protection Pollution degree 3		Contactor			
High fault			AC current	Α	28
High fault	Short-circuit protection	on fuse, 600V			
Short circuit current KA 100 Fuse rating A 30 Fuse class J	·				
Fuse class J		· ·	Short circuit current	kA	100
Fuse class J			Fuse rating	Α	30
Standard fault Short circuit current KA 5 Fuse rating A 70			_		
Short circuit current KA 5 Fuse rating A 70		Standard fault			
Fuse rating A 70			Short circuit current	kA	5
Ambient conditions Temperature Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree					
Operating temperature	Ambient conditions				
Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3					
min min max °C -50 max -50 max Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 9 3	1	Operating temperature			
max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection s Pollution degree 3		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	min	°C	-50
Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Value 3 Pollution degree 3					
min %C -60 max %C 80 Max altitude m 3000 Resistance & Protection 3 Pollution degree 3		Storage temperature			
Max altitudemax°C80Resistance & Protectionm3000Pollution degree3			min	°C	-60
Max altitude m 3000 Resistance & Protection Pollution degree 3					
Resistance & Protection Pollution degree 3	Max altitude				
Pollution degree 3		tion			
					3
	Dimensions				



ENERGY AND AUTOMATION



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1

IEC/EN/BS 60947-1

IEC/EN/BS 60947-4-1

UL 60947-1

UL 60947-4-1

Certificates

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching