

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 630A, AC/DC COIL, 60VAC/DC



Product type designation	Product designation			Power contactor
Number of poles	,, <u> </u>			B630
Rated insulation voltage Ui IEC/EN V 1000 Rated impulse withstand voltage Uimp kV 8 Operational frequency min Hz 25 IEC Conventional free air thermal current Ith A 800 Operational current Ie AC-1 (≤40°C) A 800 AC-1 (≤70°C) A 640 AC-1 (≤70°C) A 640 AC-1 (≤70°C) A 640 AC-1 (≤70°C) A 640 AC-1 (≤70°C) A 630 AC-4 (400V) A 260 Rated operational power AC-3 (T≤55°C) 230V kW 198 400V kW 368 440V kW 368 500V kW 368 690V kW 440 440V kW 368 869V kW 440V kW 368 86 690V kW 440V kW 368 86 80V kW 288 400V kW 500 800 800 800 800 800 800 <td< td=""><td></td><td></td><td>N In</td><td>2</td></td<>			N In	2
Rated impulse withstand voltage Ulimp	·			
Operational frequency min max Hz max Hz max Hz Hz Hz Hz 400 IEC Conventional free air thermal current lth A 800 Operational current le AC-1 (≤40°C) A 800 AC-1 (≤55°C) A 640 AC-1 (≤55°C) A 640 AC-1 (≤70°C) A 540 AC-3 (≤4400 ≤55°C) A 630 AC-4 (4000V) A 260 Rated operational power AC-3 (T≤55°C) 230V kW 198 400V kW 355 415V kW 368 440V kW 368 500V kW 368 690V kW 440 1000V kW 368 Acaded operational power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 655 690V kW 665 690V kW 665 690V kW 665 Acaded operational power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 665 690V kW 665 Acaded operational power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 665 Acaded operational power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 665 Acaded operational power AC-1 (T≤40°C) Acaded operational power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 665 Acaded operational power AC-1 (T≤40°C) Acaded operational power AC-1 (T≤40°C) </td <td></td> <td></td> <td></td> <td></td>				
Min	- · · · · · · · · · · · · · · · · · · ·		KV	0
IEC Conventional free air thermal current lth	Operational frequency	min	LJ	25
IEC Conventional free air thermal current Ith OPERATION A 800				
Operational current le AC-1 (≤40°C) A 800 AC-1 (≤55°C) A 640 AC-1 (≤70°C) A 540 AC-3 (≤440V ≤55°C) A 630 AC-4 (400V) A 260 Rated operational power AC-3 (T≤55°C) 230V kW 198 400V kW 355 415V kW 368 500V kW 368 690V kW 440 1000V kW 368 690V kW 440 1000V kW 368 690V kW 480 400V kW 368 400V kW 500 500V kW 860 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 800 110V A	IEC Conventional free air thermal current Ith	IIIdX		
AC-1 (≤40°C)				800
AC-1 (≤55°C) A 640 AC-1 (570°C) A 540 AC-3 (≤440V ≤55°C) A 630 AC-4 (400V) A 260 Rated operational power AC-3 (T≤55°C) 230V kW 198 400V kW 355 415V kW 368 440V kW 368 500V kW 368 500V kW 368 690V kW 368 690V kW 368 A00V kW 368 Final Power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 655 690V kW 860 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 800 110V A 460 220V A 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 800 110V A 800 220V A 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	Operational current le	AC 1 (<10°C)	۸	800
AC-1 (≤70°C) A 540 AC-3 (≤440V ≤55°C) A 630 AC-4 (400V) A 260 Rated operational power AC-3 (T≤55°C) 230V kW 198 400V kW 355 415V kW 368 440V kW 368 500V kW 368 690V kW 440 1000V kW 368 690V kW 500 500V kW 655 690V kW 665 690V kW 665 690V kW 665 690V kW 665 690V kW 655 690V kW 860 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 800 110V A 800 220V A 700 330V A 460V A 1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		,		
AC-3 (≤440V ≤55°C) A 630 AC-4 (400V) A 260 Rated operational power AC-3 (T≤55°C) 230V kW 198 400V kW 355 415V kW 368 440V kW 368 500V kW 368 690V kW 440 1000V kW 368 690V kW 440 1000V kW 500 500V kW 655 690V kW 655 690V kW 655 690V kW 860 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 800 110V A 460 220V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 800 110V A 800 220V A 460V A 110V A 800 220V A 700 330V A 460V A 700				
AC-4 (400V)		,		
Rated operational power AC-3 (T≤55°C) 230V kW 198 400V kW 355 415V kW 368 440V kW 368 500V kW 368 690V kW 440 1000V kW 368 Rated operational power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 655 690V kW 860 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 800 110V A 460 220V A 330V A 460V A 110V A 800 220V A 700 330V A 460V A 110V A 800 220V A 700 330V A 460V A 110V A 800 220V A 700 330V A 460V A 110V A 800 220V A 700 330V A 460V A 110V A 800 220V A 700 330V A 460V A 110V A 800 220V A 700 330V A 460V A 460V A 15C max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 800 110V A 800 220V A 700 330V A 460V A 460V A 75V A 800 110V A 800		,		
230V kW 198 400V kW 355 415V kW 368 440V kW 368 440V kW 368 500V kW 368 690V kW 440 1000V kW 368 690V kW 440 1000V kW 368 690V kW 440 1000V kW 500 500V kW 655 690V kW 860 690V	Rated operational power AC-3 (T<55°C)	710 4 (4001)		200
400V kW 355 415V kW 368 440V kW 368 440V kW 368 690V kW 440 1000V kW 368 690V kW 440 1000V kW 368 690V kW 440 1000V kW 368 690V kW 500 500V kW 500 500V kW 655 690V kW 860 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	Traited operational power 70 o (1=00 o)	230\/	k\/\/	198
415V				
440V kW 368 500V kW 368 690V kW 440 1000V kW 368 690V kW 440 1000V kW 368 690V kW 368 690V kW 368 690V kW 368 690V kW 500 690V kW 500 690V kW 655 690V kW 860 kW 400V kW 400V kW 400V 400V				
Soov kW 368 690V kW 440 1000V kW 368 368 368 369 368 369 368 368 369 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 36				
690V kW 440 1000V kW 368				
Rated operational power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 655 690V kW 860 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 800 110V A 460 220V A 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 800 110V A 800 220V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 800 110V A 800 220V A 700 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series				
Rated operational power AC-1 (T≤40°C) 230V kW 288 400V kW 500 500V kW 655 690V kW 860 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 800 110V A 460 220V A 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 800 110V A 800 110V A 800 220V A 700 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 800 110V A 800 110V A 800 110V A 800 110V A 800				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Rated operational power AC-1 (T≤40°C)			
400V kW 500 500V kW 655 690V kW 860	,	230V	kW	288
Soov kW 655 690V kW 860				
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 75V A 800 110V A 460 220V A 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 800 110V A 800 220V A 700 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 800 210V A 700 330V A 460V A 110V A 800 110V A 800 110V A 800		500V		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		690V	kW	860
	IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
		75V	Α	800
		110V	Α	460
EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V		220V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 75V A 800 110V A 800 220V A 700 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 800 110V A 800		330V	Α	
		460V	Α	
	IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
220V A 700 330V A 460V A IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 800 110V A 800			Α	
330V A 460V A 1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 800 110V A 800				
				700
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 75V A 800 110V A 800				
75V A 800 110V A 800		460V	Α	
110V A 800	IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
220V A 800				
		220V	Α	800



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 630A, AC/DC COIL,

	330V	Α	700
	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	75V	Α	800
	110V	Α	800
	220V	Α	800
	330V	Α	750
	460V	Α	700
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	75V	Α	800
	110V	Α	460
	220V	Α	
	330V	Α	
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
, , , , , , , , , , , , , , , , , , , ,	75V	Α	800
	110V	Α	800
	220V	Α	700
	330V	A	
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	100 V	- , ,	
TEO HILL OUT OF THE DOO DOO WILL ETT = TOTAL WILL O POICE IT SOLICE	75V	Α	800
	110V	A	800
	220V	A	800
	330V	A	650
	460V	A	
IFC may current to in DC2 DC5 with L/D < 15mg with 4 poles in series	400 V	^	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	75\/	۸	900
	75V 110V	A	800
		A	800
	220V	A	800
	330V	A	650
Chart time allowable assured for 400 (IEC/ENCO047.4)	460V	A	700
Short-time allowable current for 10s (IEC/EN60947-1)		Α	5040
Protection fuse	0 ((=0)		4000
	gG (IEC)	A	1000
	aM (IEC)	<u>A</u>	630
Making capacity (RMS value)		Α	6300
Breaking capacity at voltage		_	
	440V	Α	6300
	500V	Α	5600
	690V	A	5000
Resistance per pole (average value)		mΩ	0.14
Power dissipation per pole (average value)			
	Ith	W	90
	AC-3	W	56
Tightening torque for terminals			
	min	Nm	55
	max	Nm	55
	min	lbin	40.6
	max	lbin	40.6
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 630A, AC/DC COIL,

Max number of wires simultaneously connectable		min	Ibin	0.74
Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kemil max 2x 600 kcmil Power terminal protection according to IEC/EN 60529 IP00 Mechanical features Vertical plan #30° Operating position normal allowable #30° Fixing Screw Weight g 1840 Operations cycles 5000000 Mechanical life cycles 5000000 Electrical life cycles 700000 Safety related data cycles 700000 Performance level B10d according to EIC/EN 609474-4-1 rated load cycles 700000 EMC compatibility yes 5000000 AC operating voltage yes 5000000 AC operating voltage min %Us 80 AC operating voltage min %Us 80 of 50/60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 60 60 of 60Hz coil powered at 60Hz pick-up min %Us				
AWG/Kcmil max 2x 600 kcmil P00 P	Max number of wires simultaneously connectable			
Power terminal protection according to IEC/EN 60529	Conductor section			
Power terminal protection according to IEC/EN 60529 IPO0 IP	AWG/Kcmil			
Machanical features		max		2x 600 kcmil
Perfecting position		29		IP00
Normal allowable Normal allo				
String S	Operating position			
Screw Weight g 1840 Departations				
Weight		allowable		
Cycles South				
Mechanical life cycles 5000000 Electrical life cycles 700000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 700000 cycles 5000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating AC coil operating yes RAC coil operating voltage min %Us 80 AC operating voltage min %Us 80 AC operating voltage min %Us 20 drop-out min %Us 80 max %Us 20 max %Us 110 drop-out min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 10 drop-out min %Us 80 max %Us 10 drop-out min %U			g	1840
Electrical life cycles 700000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load mechanical load cycles 5000000 Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 50/60Hz AC operating voltage of 50/60Hz coil powered at 50Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 60 of 50/60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 80 max %Us 60 of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 80 max %Us 60 of 60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400 holding VA 18	•		ovoloo	500000
Performance level B10d according to EN/ISO 13489-1 rated load cycles 5000000 mechanical load cycles 5000000 mechanical load cycles 5000000 vyes 50000000 vyes 5000000 vyes 50000000000 vyes 50000000 vyes 50000000 vyes 50000000 vyes 500000000 vyes 50000000 vyes 50000000000 vyes 5000000000000000000000000000000000000				
Performance level B10d according to EN/ISO 13489-1 rated load cycles 700000 mechanical load cycles 5000000 Mirror contats according to IEC/EN 609474-4-1 EMC compatibility Rated AC voltage at 50/60Hz AC operating voltage of 50/60Hz coil powered at 50Hz pick-up min wuls 80 max wuls 110 drop-out min wuls 20 max wuls 110 drop-out min wuls 80 max wuls 100 drop-out min wuls 80 max wuls 100 drop-out min wuls 80 max wuls 100 drop-out min wuls 80 max wuls 100 drop-out min wuls 80 max wuls 100 drop-out min wuls 80 max wuls 100 drop-out min wuls 80 max wuls 100 max wuls 100 drop-out min wuls 80 max wuls 100 max wuls 100 drop-out min wuls 80 max wuls 100 max wuls 100 drop-out min wuls 80 max wuls 100 drop-out min wuls 100 max wuls 100 max wuls 100 drop-out min wuls 100 max wuls 100 max wuls 100 drop-out min wuls 100 max wuls 100 ma			cycles	100000
rated load mechanical load cycles 700000 5000000 5000000 5000000 5000000 5000000 5000000 5000000 5000000 50000000 50000000 50000000 50000000 500000000	•	9-1		
Mirror contats according to IEC/EN 609474-4-1 Yes Yes	. one mande level broad according to Environ 1940		cycles	700000
Mirror contats according to IEC/EN 609474-4-1 EMC compatibility Rated AC voltage at 50/60Hz AC operating voltage of 50/60Hz coil powered at 50Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 80 max %Us 60 AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18			-	
EMC compatibility yes AC coll operating Rated AC voltage at 50/60Hz AC operating voltage of 50/60Hz coil powered at 50Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 110 drop-out min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 60 of 60Hz coil powered at 60Hz pick-up min %Us 20 max %Us 110 drop-out min %Us 80 max %Us 60 AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18	Mirror contats according to IEC/EN 609474-4-1		-, 5.00	
AC coil operating Rated AC voltage at 50/60Hz V 60	_			
No content No				
AC operating voltage of 50/60Hz coil powered at 50Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 60 of 50/60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 60 of 60Hz coil powered at 60Hz pick-up of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 80 max %Us 60 AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400 holding VA 18	Rated AC voltage at 50/60Hz		V	60
of 50/60Hz coil powered at 50Hz pick-up min	AC operating voltage			
Min %Us 80 max %Us 110		50Hz		
Max Wus 110 Min Wus 20 Max Wus 60 Max Max Wus 60 Max Max Wus 60 Max	pick	k-up		
drop-out min %Us 20 max %Us 60		min		
Min WUs 20 Max WUs 60			%Us	110
max %Us 60	dro	p-out		
of 50/60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 60 of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 60 of max %Us 110 drop-out min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 10 drop-out min %Us 20 max %Us 60 AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400 in-rush VA 400 holding VA 400 in-rush VA				
Pick-up Min %Us 80 max %Us 110 Min %Us 20 max %Us 60 Min Mus 80 Min Mus 80 Min Mus Mus 110 Min Mus 80 Min Mus 110 Min Mus 20 Min Mus Mus 60 Min Mus 60 Min Mus 60 Min Mus 60 Min Mus Mus 60 Min Mus Mus 60 Min Mus	(50/0011 1 1		%US	60
Min	•			
Max %Us 110	pick	-	9/ I Io	90
Min WUs 20 max WUs 60				
min	droi		7003	110
max %Us 60	GIO		%Us	20
of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 60 AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400				
pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 60 AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400	of 60Hz coil powered at 60H			
Max %Us 110				
drop-out min %Us 20 max %Us 60 AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400	·	-	%Us	80
min %Us 20 max %Us 60 AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400		max	%Us	110
MAC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400	dro			
AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400				
of 50/60Hz coil powered at 50Hz in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400		max	%Us	60
in-rush VA 400 holding VA 18 of 50/60Hz coil powered at 60Hz in-rush VA 400	·			
of 50/60Hz coil powered at 60Hz in-rush VA 400	of 50/60Hz coil powered at		3.74	400
of 50/60Hz coil powered at 60Hz in-rush VA 400				
in-rush VA 400			VA	18
	or 50/60Hz coil powered at		١/٨	400
noluing VA 18				
		rioiding	VA	10

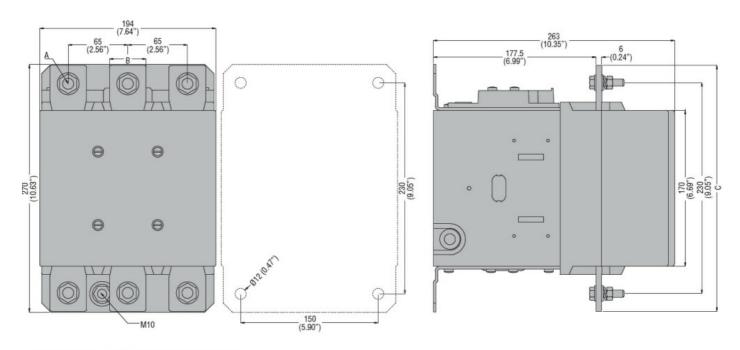


THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 630A, AC/DC COIL,

Disabisation of baldions	<00°C FOLL-			10/	40
Dissipation at holding ≤	\$20°C 50HZ			W	18
DC coil operating				\ /	0.0
DC rated control voltage	je			V	60
DC operating voltage					
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out				
			min	%Us	20
			max	%Us	60
Average coil consumpt	tion ≤20°C				
			in-rush	W	400
			holding	W	18
Max cycles frequency					
Mechanical operation				cycles/h	1200
Operating times					
Average time for Us co					
	in AC				
		Closing NO			
			min	ms	110
			max	ms	180
		Opening NO			
			min	ms	60
			max	ms	100
	in DC				
		Closing NO			
			min	ms	110
			max	ms	180
		Opening NO			
			min	ms	60
			max	ms	100
UL technical data					
Rated operational volta	age AC (UL)			V	600
General USE					
	Contactor				
			AC current	Α	800
Short-circuit protection	fuse, 600V				_
	Standard fault				
			Short circuit current	kA	18
			Fuse rating	Α	1500
			Fuse class		L
Ambient conditions					
Temperature					
	Operating temperature				
			min	°C	-50
			max	°C	70
	Storage temperature			· <u> </u>	
			min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protection	on				
Pollution degree					3
Dimensions					

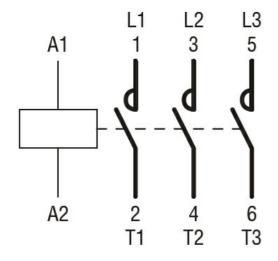
ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 630A, AC/DC COIL,



CONTACTOR TYPE	A	В	С
B500	M10	35 (1.38")	265 (10.43")
B630	M12	40 (1.57")	270 (10.63")

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1

IEC/EN 60947-1

IEC/EN 60947-4-1

UL 60947-1

UL 60947-4-1

Certificates

CCC

cULus

EAC

ETIM classification



11B6300060

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 630A, AC/DC COIL, 60VAC/DC

ETIM 8.0

EC000066 -Power contactor, AC switching