



Product designation Product type designation Contact characteristics Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith Operational current le AC-3 Rated operational power AC-3 (T≤55°C)	min max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V)	Nr. V kV Hz Hz A A A A A	Power contactor BF265 4 1000 8 25 400 450 450 375 325 265 125
Contact characteristics Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith Operational current Ie	max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V) 230V	V kV Hz A A A A A	4 1000 8 25 400 450 450 375 325 265
Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith Operational current Ie	max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V) 230V	V kV Hz A A A A A	1000 8 25 400 450 450 375 325 265
Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith Operational current le	max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V) 230V	V kV Hz A A A A A	1000 8 25 400 450 450 375 325 265
Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith Operational current Ie AC-3	max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V) 230V	Hz Hz A A A A A	8 25 400 450 450 375 325 265
Operational frequency IEC Conventional free air thermal current Ith Operational current le AC-3	max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V) 230V	Hz Hz A A A A A	25 400 450 450 375 325 265
IEC Conventional free air thermal current Ith Operational current le AC-3	max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V) 230V	A A A A A A	400 450 450 375 325 265
Operational current le AC-3	max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V) 230V	A A A A A A	400 450 450 375 325 265
Operational current le AC-3	AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V)	A A A A A	450 450 375 325 265
Operational current le AC-3	AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V)	A A A A	450 375 325 265
AC-3	AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V)	A A A	375 325 265
	AC-1 (≤55°C) AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V)	A A A	375 325 265
	AC-1 (≤70°C) 3 (≤440V ≤55°C) AC-4 (400V)	A A A	325 265
	3 (≤440V ≤55°C) AC-4 (400V) 230V	A A	265
	AC-4 (400V) 230V	Α	
Rated operational power AC-3 (T≤55°C)	230V		125
Rated operational power AC-3 (T≤55°C)			
		kW	75
	400V	kW	132
	415V	kW	132
	440V	kW	160
	500V	kW	160
	690V	kW	200
	1000V	kW	160
Rated operational current AC-3 (T≤55°C)			
	230V	Α	265
	400V	Α	265
	415V	Α	265
	440V	Α	265
	500V	Α	250
	690V	Α	250
	1000V	Α	115
Rated operational power AC-1 (T≤40°C)			
	230V	kW	170
	400V	kW	296
	500V	kW	326
	690V	kW	511
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
·	75V	Α	350
	110V	Α	160
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
·	75V	Α	350
	110V	Α	300
	220V	Α	250
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	 •	- •	



BF265T4E230

	75V	Α	350
	110V	Α	300
	220V	Α	300
	330V	Α	250
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
·	75V	Α	350
	110V	Α	300
	220V	Α	300
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	75V	Α	280
	110V	Α	150
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series	1101		
neo max sarront le in 200 200 with E/TC = Tomb with 2 poice in series	75V	Α	280
	110V	A	250
	220V	A	200
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	220 V	^	200
IEC max current le in DC3-DC3 with L/R \(\) 13ms with 3 poles in series	75\/	۸	200
	75V	A	280
	110V	A	280
	220V	A	250
	330V	Α	200
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series		_	
	75V	Α	280
	110V	Α	280
	220V	Α	280
	330V	Α	280
	460V	A	200
Short-time allowable current for 10s (IEC/EN60947-1)		Α	2120
Protection fuse			
	gG (IEC)	Α	630
	aM (IEC)	Α	400
Making capacity (RMS value)		Α	2650
Breaking capacity at voltage			
	440V	Α	2120
	500V	Α	1792
	690V	Α	1624
Resistance per pole (average value)		mΩ	0.12
Power dissipation per pole (average value)			
	Ith	W	24.3
	AC-3	W	8.4
Tightening torque for terminals			
	min	Nm	35
	max	Nm	35
	min	lbin	310
	max	Ibin	310
Tightening torque for coil terminal	111621		
	min	Nm	0.8
	max	Nm	1
Power terminal protection according to IEC/EN 60529	Шах	1 11111	IP00
Mechanical features			IFUU
Operating position			Vantiacle les
	normal		Vertical plan
	allowable		±30°
Fixing			Screw

0				
Operations Mechanical life			cycloc	5000000
Electrical life			cycles cycles	900000
Safety related data			cycles	900000
	Od according to EN/ISO 13489-1			
		rated load	cycles	900000
		mechanical load	cycles	5000000
EMC compatibility			•	yes
AC coil operating				
Rated AC voltage at 5	0/60Hz, 60Hz			
		min	V	100
		max	V	250
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up	i-	0/116	00 1 la min
		min	%Us %Us	80 Us min 110 Us max
	drop-out	max	/oUS	i iu us iliax
	Glop-out	max	%Us	≤70 Us min
	of 50/60Hz coil powered at 60Hz	max	,,,,,	_, C 00 mm
	pick-up			
	1 2 21	min	%Us	80 Us min
		max	%Us	110 Us max
	drop-out			
		max	%Us	≤70 Us min
AC average coil consu				
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	160320
	of EO/GOLLZ poil powered at GOLLZ	holding	VA	3.58.0
	of 50/60Hz coil powered at 60Hz	in-rush	VA	160320
		holding	VA	3.58.0
	of 60Hz coil powered at 60Hz		• • • • • • • • • • • • • • • • • • • •	0.00.0
	5. 55. 1 <u>5</u> 5 p 5 5 5 5 5 5	in-rush	VA	160320
		holding	VA	3.58.0
Dissipation at holding	≤20°C 50Hz		W	3.58.0
DC coil operating				
DC rated control volta	ge			
		min	V	100
20		max	V	250
OC operating voltage	minte um			
	pick-up	wa!.a	%Us	85 Us min
		min max	%Us %Us	110 Us max
	drop-out	IIIdX	/003	110 03 IIIax
		max	%Us	≤70 Us min
Average coil consump	tion ≤20°C	an		
<u> </u>		in-rush	W	160230
		holding	W	3.58.0
Max cycles frequency				
Mechanical operation			cycles/h	1000
Operating times				
Average time for Us co	ontrol			

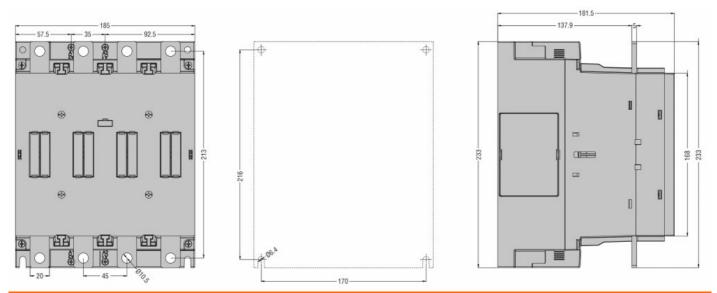




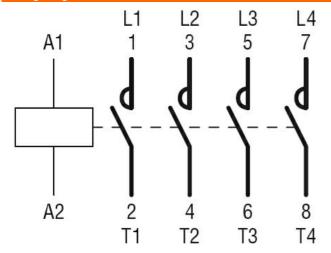
in AC			
Closing NO			
	min	ms	80
	max	ms	120
Opening NO			
	min	ms	30
	max	ms	75
UL technical data			
Rated operational voltage AC (UL)		V	600
Yielded mechanical performance			
for three-phase AC motor			
	200/208V	HP	75
	220/230V	HP	100
	460/480V	HP	200
	575/600V	HP	250
General USE			
Contactor			
	AC current	Α	450
Short-circuit protection fuse, 600V			
High fault			
	Short circuit current	kA	100
	Fuse rating	Α	600
	Fuse class		J
Standard fault			
	Short circuit current	kA	18
	Fuse rating	Α	600
	Fuse class		RK5
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-40
	max	°C	70
Storage temperature			
	min	°C	-50
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			

ENERGY AND AUTOMATION

FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 450A, AC/DC COIL, 100...250VAC/DC



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

cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching