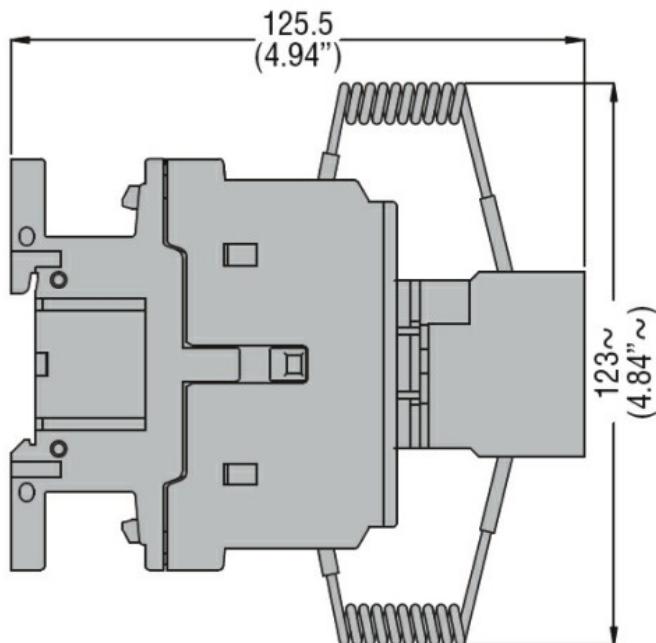
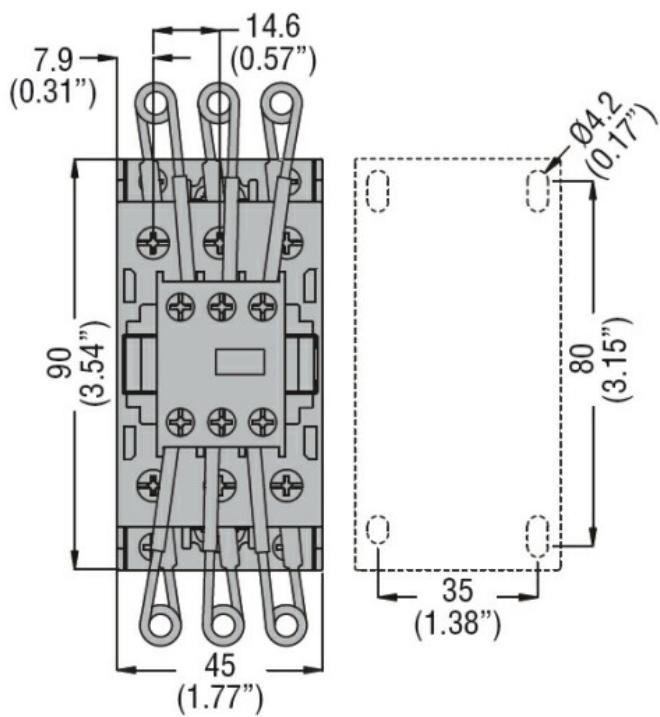




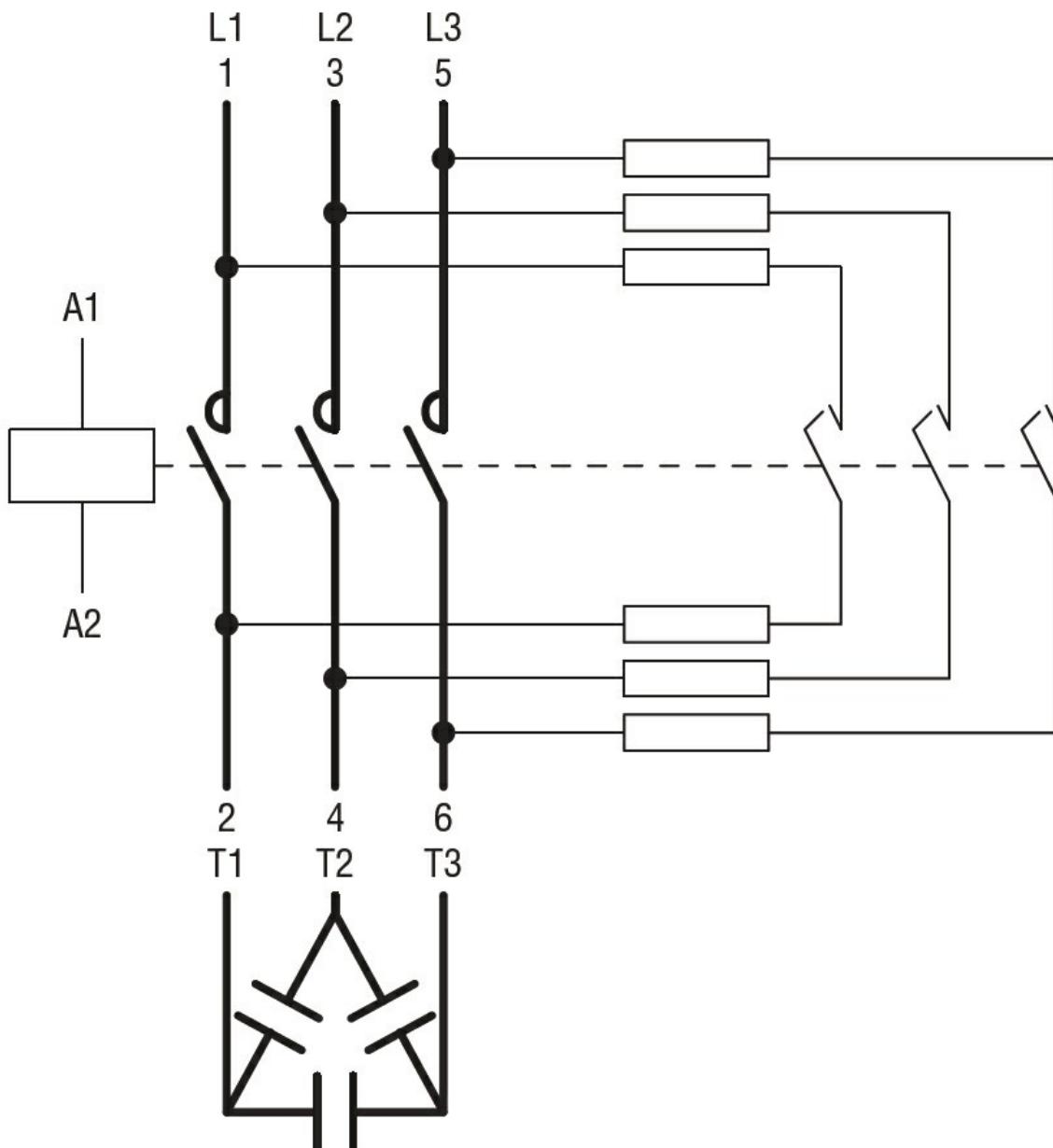
Product designation	Power contactor		
Product type designation	BFK26		
<b>Contact characteristics</b>			
Number of poles	Nr.	3	
Rated insulation voltage $U_i$ IEC/EN	V	690	
Rated impulse withstand voltage $U_{imp}$	kV	6	
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current $I_{th}$	A	45	
Rated operational power AC-6b ( $T \leq 40^\circ C$ )	230V	kvar	11
	400V	kvar	20
	440...480V	kvar	22
	690V	kvar	25
Short-time allowable current for 10s (IEC/EN60947-1)	A	210	
Protection fuse	gG (IEC)	A	40
Making capacity (RMS value)	A	260	
Breaking capacity at voltage	440V	A	208
	500V	A	184
	690V	A	168
Resistance per pole (average value)	$m\Omega$	2	
Power dissipation per pole (average value)	$I_{th}$	W	4
Tightening torque for terminals	min	Nm	2.5
	max	Nm	3
	min	$I_{bin}$	1.8
	max	$I_{bin}$	2.2
Tightening torque for coil terminal	min	Nm	0.8
	max	Nm	1
	min	$I_{bin}$	0.59
	max	$I_{bin}$	0.74
Max number of wires simultaneously connectable	Nr.	2	
Conductor section	AWG/Kcmil		
	max		6
Flexible w/o lug conductor section	min	$mm^2$	2.5
	max	$mm^2$	16
Flexible c/w lug conductor section	min	$mm^2$	1

	max	mm <sup>2</sup>	10		
Flexible with insulated spade lug conductor section					
	min	mm <sup>2</sup>	1		
	max	mm <sup>2</sup>	10		
Power terminal protection according to IEC/EN 60529	IP20 when properly wired				
<b>Mechanical features</b>					
Operating position	normal allowable	Vertical plan ±30°			
Fixing	Screw / DIN rail 35mm				
Weight	g	400			
<b>Operations</b>					
Mechanical life	cycles	20000000			
Electrical life	cycles	1600000			
<b>Safety related data</b>					
Performance level B10d according to EN/ISO 13489-1	rated load	cycles	1600000		
	mechanical load	cycles	20000000		
EMC compatibility	yes				
AC coil operating					
Rated AC voltage at 60Hz	V	220			
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	W	2.5			
<b>Max cycles frequency</b>					
Mechanical operation	cycles/h	3600			
<b>Operating times</b>					
Average time for Us control					
in AC					
Closing NO	min	ms	8		
	max	ms	24		
Opening NO	min	ms	5		
	max	ms	15		
Closing NC	min	ms	9		
	max	ms	20		
<b>UL technical data</b>					
Rated operational voltage AC (UL)	V	600			
<b>General USE</b>					
Contactor					

	AC current	A	45
<b>Ambient conditions</b>			
<b>Temperature</b>			
Operating temperature	min	°C	-50
	max	°C	70
Storage temperature	min	°C	-60
	max	°C	80
<b>Max altitude</b>			m 3000
<b>Resistance &amp; Protection</b>			
Pollution degree	3		
<b>Dimensions</b>			



**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

EC001079 -  
Capacitor  
contactor