

Product designation				Power contactor	
Product type designation				BFK26	
Contact characteristics					
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		
		A	260		
Making capacity (RMS value)				260	
Breaking capacity at voltage	440V	A	208		
	500V	A	184		
	690V	A	168		
Resistance per pole (average value)	m Ω			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}	Prodotti finiti		
	max	I_{bin}	Prodotti finiti		
Max number of wires simultaneously connectable	Nr.			2	
Conductor section	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 ²	10		
	Flexible with insulated spade lug conductor section				
	min	mm ²	1		
	max	mm ²	10		
	Power terminal protection according to IEC/EN 60529				IP20 when wired
	Mechanical features				
	Operating position	normal			Vertical plan
allowable				$\pm 30^\circ$	

Fixing				Screw / DIN rail 35mm
Weight	g			400
Operations				
Mechanical life	cycles			20000000
Electrical life	cycles			1600000
Safety related data				
Performance level B10d according to EN/ISO 13489-1				
	rated load	cycles	400000	
	mechanical load	cycles	20000000	
EMC compatibility				Yes
Rated AC voltage at 60Hz	V			230
AC coil operating				
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 50/60Hz coil powered at 50Hz				
	in-rush	VA	75	
	holding	VA	9	
of 50/60Hz coil powered at 60Hz				
	in-rush	VA	70	
	holding	VA	7	
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	5	
	max	ms	15	
Closing NC				
	min	ms	9	
	max	ms	20	
UL technical data				
General USE				
Contactor				
	AC current	A	45	
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				3
Dimensions				
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				
ETIM 8.0				EC001079 - Capacitor contactor