

Product designation				Power contactor	
Product type designation				BFK150	
Contact characteristics					
Number of poles	Nr.	3			
Rated insulation voltage U_i IEC/EN	V	690			
Rated impulse withstand voltage U_{imp}	kV	8			
Operational frequency	min	Hz	25		
	max	Hz	400		
IEC Conventional free air thermal current I_{th}	A	165			
Rated operational power AC-6b ($T \leq 40^\circ\text{C}$)	230V	kvar	50		
	400V	kvar	100		
	440...480V	kvar	115		
	690V	kvar	150		
Short-time allowable current for 10s (IEC/EN60947-1)	A	1200			
Protection fuse	gG (IEC)	A	160		
		A	1500		
Making capacity (RMS value)					
Breaking capacity at voltage	440V	A	1200		
	500V	A	1025		
	690V	A	905		
Resistance per pole (average value)	m Ω	0.45			
Power dissipation per pole (average value)	I_{th}	W	12		
Tightening torque for terminals	min	Nm	6		
	max	Nm	7		
	min	lbin	4.4		
	max	lbin	5.2		
Tightening torque for coil terminal	min	Nm	0.8		
	max	Nm	1		
	min	lbin	Prodotti finiti		
	max	lbin	Prodotti finiti		
Max number of wires simultaneously connectable	Nr.	2			
Conductor section	Flexible w/o lug conductor section		min	mm ²	1.5
			max	mm ²	70
	Flexible c/w lug conductor section		min	mm ²	1.5
			max	mm ²	70
Power terminal protection according to IEC/EN 60529				IP20 front	
Mechanical features					
Operating position	normal allowable		Vertical plan $\pm 30^\circ$		
Fixing	Screw / DIN rail 35mm				
Weight	g			2095	
Operations					

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

ETIM classification

ETIM 8.0

EC001079 -
Capacitor
contactor