

Product designation				Power contactor
Product type designation				BFK150
<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			8
Operational frequency	min	Hz	25	
	max	Hz	400	
IEC Conventional free air thermal current $I_{th}$	A			165
Rated operational power AC-6b ( $T \leq 40^\circ C$ )	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)				1500
Breaking capacity at voltage	440V	A	1200	
	500V	A	1025	
	690V	A	905	
Resistance per pole (average value)	m $\Omega$			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 <sup>2</sup>	1.5	
	max	mm <sup>2</sup>	70	
	Flexible c/w lug conductor section			
	min	mm <sup>2</sup>	1.5	
	max	mm <sup>2</sup>	70	
Power terminal protection according to IEC/EN 60529				IP20 front
<b>Mechanical features</b>				
Operating position	normal			Vertical plan
	allowable			$\pm 30^\circ$
Fixing				Screw / DIN rail 35mm
Weight	g			2095
<b>Operations</b>				



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