FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 32A, DC COIL, 24VDC,



		BF18
	Nr.	4
	V	690
	kV	6
min	Hz	25
max	Hz	400
	Α	32
AC-1 (≤40°C)	Α	32
AC-1 (≤55°C)	Α	26
AC-1 (≤70°C)	Α	23
AC-3 (≤440V ≤55°C)	Α	18
AC-4 (400V)	Α	8.5
230V	kW	12
	kW	21
	kW	26
690V		36
	A	200
	Α	32
aM (IEC)		20
	Α	180
	_	
		144
		120
690V		94
	mΩ	2.5
LI.	147	2.2
		2.6
AC-3	VV	0.8
	NI	4.5
		1.5
		1.8
		1.1 1.5
max	וווטו	U.U
mi-	Nlm	0.0
		0.8 1
		0.8
		0.8 0.74
IIIdX		2
	Max AC-1 (≤40°C) AC-1 (≤55°C) AC-1 (≤70°C) AC-3 (≤440V ≤55°C) AC-4 (400V)	max Hz A AC-1 (≤40°C) A AC-1 (≤55°C) A AC-3 (≤440V ≤55°C) A AC-4 (400V) A 230V kW 400V kW 500V kW 690V kW A A 440V A 500V A 690V A MΩ MΩ Ith W AC-3 W min Nm min Ibin max Nm min Nm max Nm min Nm max Nm min Ibin



FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 32A, DC COIL, 24VDC,

AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section Flexible with insulated spade lug conductor section Power terminal protection according to IEC/EN 60529 Mechanical features Operating position	max min max min max min max anin max	mm² mm² mm² mm² mm²	10 1 6 1 4 1 4 IP20 when properly wired
Flexible w/o lug conductor section Flexible c/w lug conductor section Flexible with insulated spade lug conductor section Power terminal protection according to IEC/EN 60529 Mechanical features	min max min max min max nin max	mm² mm² mm²	1 6 1 4 1 4 IP20 when properly wired
Flexible c/w lug conductor section Flexible with insulated spade lug conductor section Power terminal protection according to IEC/EN 60529 Mechanical features	max min max min max	mm² mm² mm²	1 4 1 4 IP20 when properly wired
Flexible with insulated spade lug conductor section Power terminal protection according to IEC/EN 60529 Mechanical features	max min max min max	mm² mm² mm²	1 4 1 4 IP20 when properly wired
Flexible with insulated spade lug conductor section Power terminal protection according to IEC/EN 60529 Mechanical features	min max min max	mm² mm²	1 4 1 4 IP20 when properly wired
Flexible with insulated spade lug conductor section Power terminal protection according to IEC/EN 60529 Mechanical features	max min max normal	mm²	1 4 IP20 when properly wired
Power terminal protection according to IEC/EN 60529 Mechanical features	max min max normal	mm²	1 4 IP20 when properly wired
Power terminal protection according to IEC/EN 60529 Mechanical features	min max normal	mm²	1 4 IP20 when properly wired
Power terminal protection according to IEC/EN 60529 Mechanical features	max		4 IP20 when properly wired
Mechanical features	max	mm²	IP20 when properly wired
Mechanical features			properly wired
Operating position			Vertical plan
			Vertical plan
	allowable		•
			±30°
Fixing			Screw / DIN rail 35mm
Weight		g	494
Conductor section		<u> </u>	
AWG/kcmil conductor section			
	max		10
Auxiliary contact characteristics			
Thermal current Ith		Α	32
EC/EN 60947-5-1 designation			A600 - P600
Operations Mechanical life		cycles	20000000
Electrical life		cycles	1600000
Safety related data		0,0.00	1000000
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	1600000
	echanical load	cycles	20000000
Mirror contats according to IEC/EN 609474-4-1			YES
EMC compatibility			yes
DC coil operating		V	24
DC rated control voltage DC operating voltage		V	24
pick-up			
ριοις αρ	min	%Us	70
	max	%Us	125
drop-out			
	min	%Us	10
	max	%Us	40
Average coil consumption ≤20°C			
	in-rush	W	5.4
Nov evolos fraguenov	holding	W	5.4
Max cycles frequency Mechanical operation		cycles/h	3600
Operating times		Cycles/II	3000
Average time for Us control			

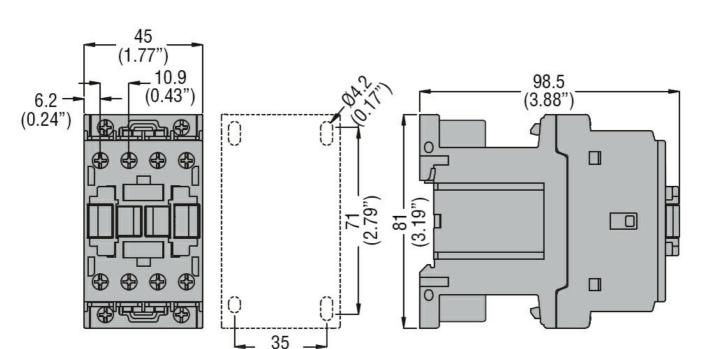
in AC

FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 32A, DC COIL, 24VDC,

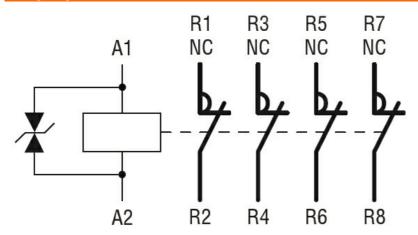
	Closing NO			
	Closing NO	min	ms	8
		max	ms	24
	Opening NO	IIIdA	1113	24
	Opening NO	min	ms	10
		max	ms	20
	Closing NC	Hax	1110	20
	Closing NO	min	ms	14
		max	ms	28
	Opening NC	max	1110	20
	Sporting 143	min	ms	7
		max	ms	18
	in DC			
	Closing NC			
	Greening 110	min	ms	24
		max	ms	30
	Opening NC			
		min	ms	47
		max	ms	57
UL technical data				
	for three-phase AC motor			
		at 480V	Α	14
		at 600V	Α	17
Yielded mechanical pe	erformance			
	for single-phase AC motor			
		110/120V	HP	1
		230V	HP	3
	for three-phase AC motor			_
		200/208V	HP	5
		220/230V	HP	5
		460/480V	HP	10
		575/600V	HP	15
General USE				
	Contactor			
		AC current	Α	32
	Auxiliary contacts			
		AC voltage	V	600
		AC current	Α	10
		DC voltage	V	250
		DC current	Α	
	ary contacts according to UL			SI - A600
Ambient conditions				
Temperature				
	Operating temperature		0.0	
		min	°C	-50 -70
	01	max	°C	70
	Storage temperature		0.0	00
		min	°C	-60
NA ICC I		max	°C	80
Max altitude	20		m	3000
Resistance & Protection	n			2
Pollution degree Dimensions				3



ENERGY AND AUTOMATION



Wiring diagrams



(1.38")

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

EC000066 -Power contactor, AC switching