



Product designation Product type designation			Power contactor DPBF18
Contact characteristics			
Number of poles		Nr.	4
Operational frequency			
	min	Hz	25
	max	Hz	400
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
Fixing			Screw / DIN rail 35mm
Weight		g	354
Operations			
Mechanical life		cycles	20000000
Electrical life		cycles	1600000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	1600000
	mechanical load	cycles	20000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 60Hz		V	120
AC operating voltage			
of 60Hz coil powered at 60Hz			
pick-up		0/11	
	min	%Us	80
I	max	%Us	110
drop-out	in	%Us	20
	min	%Us %Us	20 55
AC average call consumption at 20°C	max	7008	ეე
AC average coil consumption at 20°C of 60Hz coil powered at 60Hz			
of doffiz coil powered at doffiz	in-rush	VA	75
	holding	VA	9
Dissipation at holding ≤20°C 50Hz	Holding	W	2.5
Max cycles frequency		v V	۷.0
Mechanical operation		cycles/h	3600
Operating times		5 y 0103/11	
Average time for Us control			
in AC			

DPBF18T4A12060 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

Closing NO

min

ms

8



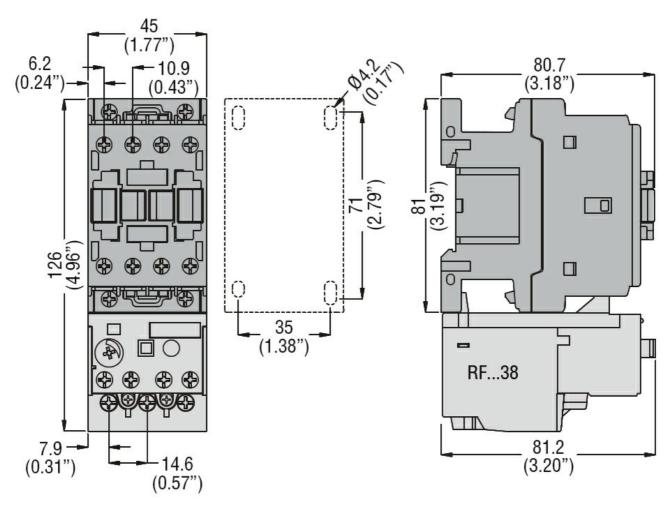


# FOUR-POLE CONTACTOR, GENERAL USE 32A, AC COIL 60HZ, 120VAC

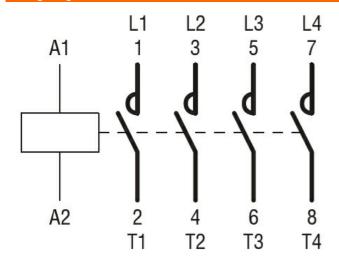
		max	ms	24
	Opening NO			
		min	ms	10
		max	ms	20
	Closing NC			
		min	ms	14
		max	ms	28
	Opening NC			
	· v	min	ms	7
		max	ms	18
UL technical data				. •
	for three-phase AC motor			
r dii lodd ddiforit (r Er t)	Tot three phase he motor	at 600V	Α	30
Locked rotor current (L	DΛ\	at 000 v	A	180
	•			100
Yielded mechanical pe				
	for single-phase AC motor	440400		•
		110/120V	HP	2
		230V	HP	5
	for three-phase AC motor			
		200/208V	HP	7.5
		220/230V	HP	7.5
		460/480V	HP	15
		575/600V	HP	20
General USE				
	Contactor			
		AC current	Α	32
Short-circuit protection	n fuse. 600V			
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	A	100
		Fuse class	Α	RK5
Ambient conditions		1 400 01433		
Temperature			<del>_</del>	
Tomporature	Operating temperature			
	Operating temperature	ma!.a	°C	<b>5</b> 0
		min	°C	-50 70
	<u> </u>	max	C	70
	Storage temperature	•	0.0	00
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protection	on			
Pollution degree				3
Dimensions				



**ENERGY AND AUTOMATION** 



### Wiring diagrams



## Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-41

UL 60947-1

UL 60947-4-1

Certificates

cULus

#### ETIM classification



#### DPBF18T4A12060

FOUR-POLE CONTACTOR, GENERAL USE 32A, AC COIL 60HZ, 120VAC

ETIM 8.0

EC000066 -Power contactor, AC switching