

ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, FLA 30A, AC COIL 60HZ, 575VAC, 1NO AUXILIARY CONTACT



Contact characteristics Number of poles Nit. 3 Operational frequency min Hz 25 min Hz 400 Mechanical features Weld Weld Vertical plan Fixing Screw / Dilly rall 30°* Crew / Dilly rall Fixing g 346 30°* Prixing g 346 30°* Weight g 346 30°* 30°* Weight g 346 30°* <t< th=""><th>Product designation Product type designation</th><th></th><th></th><th>Power contactor DPBF18</th></t<>	Product designation Product type designation			Power contactor DPBF18	
Number of poles Nr. 3 Operational frequency min Hz 25 Mechanical features Operating position Number of policy position Vertical plan allowable sizes Fixing Screw / DIN rail allowable sizes Screw / DIN rail allowable sizes Fixing Screw / DIN rail allowable sizes Screw / DIN rail allowable sizes Fixing Screw / DIN rail allowable sizes Screw / DIN rail allowable sizes Weight © Screw / DIN rail allowable sizes Screw / DIN rail allowable sizes Weight © Screw / DIN rail allowable sizes Screw / DIN rail allowable sizes Mechanical life Cycles 20000000 Bleckrical life Cycles 20000000 Bleckrical life Cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility 200000000 Reted AC voltage at 60Hz 2000000	,, ·			DEBETO	
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$\frac{\text{drop-out}}{\text{min}} \frac{\text{%Us}}{\text{MUS}} \frac{20}{55}$ $AC \text{ average coil consumption at } 20^{\circ}\text{C}$ $0f 60\text{Hz coil powered at } 60\text{Hz}$ $\frac{\text{in-rush}}{\text{holding}} \frac{\text{VA}}{\text{VA}} 75$ $\frac{\text{holding}}{\text{holding}} \frac{\text{VA}}{\text{VA}} 9$ $Dissipation \text{ at holding}} \leq 20^{\circ}\text{C } 50\text{Hz}$ $W 2.5$ $\frac{\text{Max cycles frequency}}{\text{Mechanical operation}}$ $\frac{\text{Cycles/h}}{\text{Operating times}} \frac{3600}{\text{Operating times}}$					
$\frac{\text{min}}{\text{max}} \begin{tabular}{ l l l l l l l l l l l l l l l l l l l$		max	%Us	110	
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Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600 Operating times					
Max cycles frequency Mechanical operation cycles/h 3600 Operating times	Discipation at holding <20°C 50Ll-	nolaing			
Mechanical operation cycles/h 3600 Operating times	·		VV	۷.۵	
Operating times			cycloc/b	3600	
			cycles/f1	3000	
	Average time for Us control				

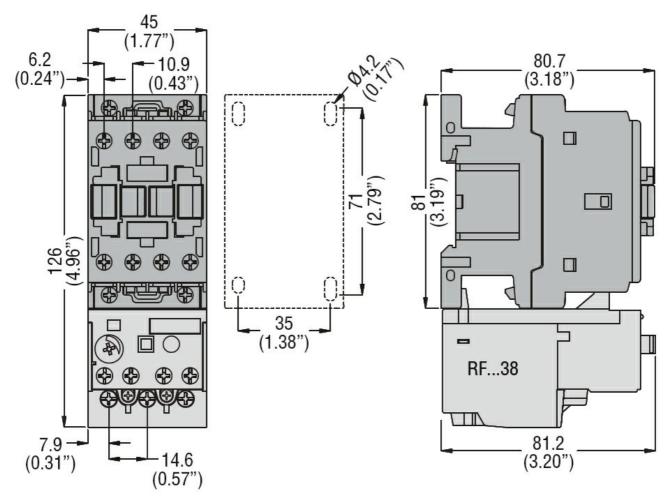




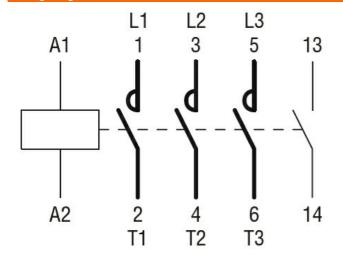
THREE-POLE CONTACTOR, FLA 30A, AC COIL 60HZ, 575VAC, 1NO AUXILIARY CONTACT

	in AC				
	III AC	Closing NO			
		Closing 140	min	ms	8
			max	ms	24
		Opening NO			
		3 -	min	ms	10
			max	ms	20
		Closing NC			
		-	min	ms	14
			max	ms	28
		Opening NC			
			min	ms	7
			max	ms	18
UL technical data					
Full-load current (FLA) for three-phase AC mo	tor			
			at 600V	Α	30
Locked rotor current (Α	180
Yielded mechanical pe					
	for single-phase AC m	notor			
			110/120V	HP	2
			230V	HP	5
	for three-phase AC mo	otor			
			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
	Auxiliary contacts		A.O		222
			AC voltage	V	600
			AC current	A	10
			DC voltage	V	250
Short-circuit protection	o fuco 600\/		DC current	Α	
Short-circuit protection	Standard fault				
	Statiualu lault		Short circuit current	kA	5
			Fuse rating	A	100
			Fuse class	А	RK5
Contact rating of auxili	iary contacts according to	o UL	1 400 01400		A600 - P600
Ambient conditions	, comacto according to				7.555 1.550
Temperature					
	Operating temperature	9			
	, 3		min	°C	-50
			max	°C	70
	Storage temperature				
	<u> </u>		min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protecti	on				
Pollution degree					3
Dimensions					





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-38

UL 60947-1

UL 60947-4-1

Certificates

cULus

ETIM classification



DPBF1810A57560

THREE-POLE CONTACTOR, FLA 30A, AC COIL 60HZ, 575VAC, 1NO AUXILIARY CONTACT

ETIM 8.0

EC000066 -Power contactor, AC switching