
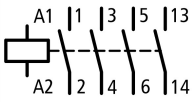




Contactor, 3p+1N/O, 15kW/400V/AC3

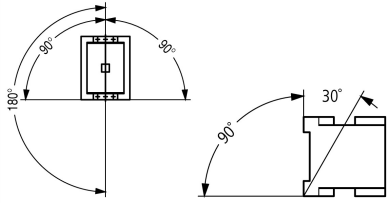
Part no. DILM32-10(230V50HZ,240V60HZ)
Article no. 277260
Catalog No. XTCE032C10F

Delivery program

Product range				Contactors
Application				Contactors for Motors
Subrange				Contactors up to 170 A, 3 pole
Utilization category				AC-1: Non-inductive or slightly inductive loads, resistance furnaces NAC-3: Normal AC induction motors: starting, switch off during running AC-4: Normal AC induction motors: starting, plugging, reversing, inching
				
Notes				Also suitable for motors with efficiency class IE3. IE3-ready devices are identified by the logo on their packaging.
Connection technique				Screw terminals
Number of poles				3 pole
Rated operational current				
AC-3				
380 V 400 V	I_e	A		32
AC-1				
Conventional free air thermal current, 3 pole, 50 - 60 Hz				
Open				
at 40 °C	$I_{th} = I_e$	A		45
enclosed	I_{th}	A		36
Conventional free air thermal current, 1 pole				
open	I_{th}	A		100
enclosed	I_{th}	A		90
Max. rating for three-phase motors, 50 - 60 Hz				
AC-3				
220 V 230 V	P	kW		10
380 V 400 V	P	kW		15
660 V 690 V	P	kW		17
AC-4				
220 V 230 V	P	kW		4
380 V 400 V	P	kW		7
660 V 690 V	P	kW		10
Contacts				
N/O = Normally open				1 N/O
Contact sequence				
Instructions				
Can be combined with auxiliary contact				DILM32-XHI.. DILA-XHI(V).. DILM32-XHI11-S
Voltage AC/DC				AC operation

Technical data

General				
Standards				IEC/EN 60947, VDE 0660, UL, CSA
Lifespan, mechanical				

AC operated	Operations	x 10 ⁶	10
DC operated	Operations	x 10 ⁶	10
Operating frequency, mechanical			
AC operated	Operations/h		5000
DC operated	Operations/h		5000
Climatic proofing			
Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30			
Ambient temperature			
Open	°C		-25 - +60
Enclosed	°C		- 25 - 40
Storage	°C		- 40 - 80
Mounting position			
			
Mechanical shock resistance (IEC/EN 60068-2-27)			
Half-sinusoidal shock, 10 ms			
Main contacts			
N/O contact	g		10
Auxiliary contacts			
N/O contact	g		7
N/C contact	g		5
Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mounted			
Half-sinusoidal shock, 10 ms			
Main contacts			
N/O contact	g		6.9
Auxiliary contacts			
N/O contact	g		5.3
N/C contact	g		3.5
Degree of Protection			
			IP00
Protection against direct contact when actuated from front (EN 50274)			
			Finger and back-of-hand proof
Weight			
AC operated	kg		0.42
DC operated	kg		0.48
Terminal capacity main cable			
Solid			
	mm ²		1 x (0.75 - 16) 2 x (0.75 - 10)
Flexible with ferrule			
	mm ²		1 x (0.75 - 16) 2 x (0.75 - 10)
Stranded			
	mm ²		1 x 16
Solid or stranded			
	AWG		18 - 6
Main cable connection screw/bolt			
			M5
Tightening torque			
	Nm		3.2
Terminal capacity control circuit cables			
Solid			
	mm ²		1 x (0.75 - 4) 2 x (0.75 - 4)
Flexible with ferrule			
	mm ²		1 x (0.75 - 1.5) 2 x (0.75 - 1.5)
Solid or stranded			
	AWG		18 - 14
Control circuit cable connection screw/bolt			
			M3.5
Tightening torque			
	Nm		1.2
Tool			
Main cable			
Pozidriv screwdriver	Size		2
Standard screwdriver	mm		0.8 x 5.5