



**Contactors, 3 pole, 380 V 400 V 7.5 kW, 1 N/O, 24 V 50 Hz, AC operation, Screw terminals**

**Part no.** DILM17-10(24V50HZ)  
**Catalog No.** 276991  
**Alternate Catalog No.** XTCE018C10U  
**EL-Nummer (Norway)** 4130331

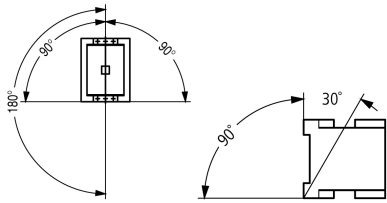
**Delivery program**

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 AC-3/AC-3e: Normal AC induction motors: Starting, switching off while running AC-4: Normal AC induction motors: starting, plugging, reversing, inching
				
Notes				Also suitable for motors with efficiency class IE3.
Connection technique				Screw terminals
Number of poles				3 pole
<b>Rated operational current</b>				
AC-3				
Notes				At maximum permissible ambient temperature (open.) Also tested according to AC-3e.
380 V 400 V	$I_e$	A		18
AC-1				
Conventional free air thermal current, 3 pole, 50 - 60 Hz				
Open				
at 40 °C	$I_{th} = I_e$	A		40
enclosed	$I_{th}$	A		32
Conventional free air thermal current, 1 pole				
open	$I_{th}$	A		88
enclosed	$I_{th}$	A		80
<b>Max. rating for three-phase motors, 50 - 60 Hz</b>				
AC-3				
220 V 230 V	P	kW		5
380 V 400 V	P	kW		7.5
660 V 690 V	P	kW		11
AC-4				
220 V 230 V	P	kW		2.5
380 V 400 V	P	kW		4.5
660 V 690 V	P	kW		6.5
<b>Contacts</b>				
N/O = Normally open				1 N/O
Contact sequence				
<b>Instructions</b>				
Can be combined with auxiliary contact				Contacts to EN 50 012. DILM32-XHI... DILA-XHI(V)...
Actuating voltage				24 V 50 Hz
Voltage AC/DC				AC operation
Connection to SmartWire-DT				no

Frame size		2
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## Technical data

### General

Standards			IEC/EN 60947, VDE 0660, UL, CSA
Lifespan, mechanical			
AC operated	Operations	$\times 10^6$	10
Operating frequency, mechanical			
AC 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
Altitude		m	Max. 2000
Weight			
AC operated		kg	0.428
Screw connector terminals			
Terminal capacity main cable			
Solid		mm <sup>2</sup>	1 x (0.75 - 16) 2 x (0.75 - 10)
Flexible with ferrule		mm <sup>2</sup>	1 x (0.75 - 16) 2 x (0.75 - 10)
Stranded		mm <sup>2</sup>	1 x 16
Solid or stranded		AWG	single 18 - 6, double 18 - 8
Stripping length		mm	10
Terminal screw			M5
Tightening torque		Nm	3.2
Tool			
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	0.8 x 5.5 1 x 6
Terminal capacity control circuit cables			
Solid		mm <sup>2</sup>	1 x (0.75 - 4)