

Contactor, 3p, 22kW/400V/AC3

DILM50(RDC24) Part no. Article no. 277844 Catalog No. XTCE050D00TD



polication ubunage Contactors for Motors Contactors go to 170 A, 3 gole AC-3 Namen AC induction motors: starting, swictor off during running AC-4. Normal AC induction motors: starting, swictor off during running AC-4. Normal AC induction motors: starting, plugging, reversing, inching and the starting of plugging, reversing, inching and active of poles Lated operational current AC-3 388 V 408 V	Delivery program			
ubrange filication extegory filication extending for the extending filication extending filication induces: starting, pulgaging, reversing, incling filica	Product range			Contactors
AC-1 Man-industry or slithly involutive tasts, resistance furnees and AC-1 Man-industry or slithly involutive tasts, resistance furnees and AC-1 Man-industry or slithly involutive tasts, resistance furning noming AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC induction materia: starting, plugging, reverting, miching AC-4. Normal AC-4. So and accordance of the starting accordance on their packaging. AC-3	Application			Contactors for Motors
Interest of the series of the	Subrange			Contactors up to 170 A, 3 pole
	Utilization category			NAC-3: Normal AC induction motors: starting, switch off during running
				IE3 ✓
Act of operational current Act of operational free air thermal current Act of	Notes			
AC-3 380 V 400 V AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C enclosed hs A 60 Conventional free air thermal current, 1 pole open enclosed hs A 162 enclosed hs A 162 enclosed AC-3 AC-3 AC-3 AC-3 AC-4 220 V 230 V 680 V 890 V P KW 22 680 V 890 V P KW 20 680 V 890 V P KW 20 680 V 890 V P KW 10 Contacts to EN 50012 integrated suppressor circuit in actuating electronics integrated suppressor circuit in actuating electronics integrated suppressor circuit in actuating electronics	Connection technique			Screw terminals
AC-3 380 V 400 V AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C enclosed Conventional free air thermal current, 1 pole open	Number of poles			3 pole
AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C at 40 °C enclosed Conventional free air thermal current, 1 pole open open open day acting for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V 380 V 400 V 9 P KW 380 V 400 V 9 R 380 V 400 V 9 R 40 C 660 V 690 V 9 R 40 V 9 R	Rated operational current			
Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C enclosed Ibn = A	AC-3			
Conventional free air thermal current, 3 pole, 50 - 60 Hz at 40 °C lan = lan lan A S S Conventional free air thermal current, 1 pole lan A S Conventional free air thermal current, 1 pole lan A S Conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A S conventional free air thermal current, 1 pole lan A conventional free air thermal current, 1 pole lan A conventional free air thermal current, 1 pole lan A conventional free air thermal current, 1 pole lan A conventional free air thermal current, 1 pole lan A conventional free air thermal current lan A conventional free air themal current lan A contact sequence lan A	380 V 400 V	Ie	Α	50
Open In =Ie A 80 enclosed Inh A 58 Conventional free air thermal current, 1 pole Inh A 162 enclosed Inh A 145 Ac-3 Inh A 145 220 V 230 V P kW 15.5 380 V 400 V P kW 22 660 V 690 V P kW 30 AC-4 220 V 230 V P kW 10 380 V 400 V P kW 10 660 V 690 V P kW 14 060 V 690 V P kW 14 00tact sequence P kW 14 Integrated suppressor circuit in actuating electronics Integrated suppressor circuit in actuating electronics	AC-1			
at 40 °C In = 16	Conventional free air thermal current, 3 pole, 50 - 60 Hz			
enclosed Conventional free air thermal current, 1 pole open lin A 162 enclosed enclosed Aax. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V P kW 22 660 V 690 V P kW 30 AC-4 220 V 230 V P kW 40 40 V F 800 V 690 V P kW 56 380 V 400 V P kW 50 660 V 690 V P kW 60 380 V 400 V P kW 10 660 V 690 V P kW 11 Ontact sequence instructions inst	Open			
Conventional free air thermal current, 1 pole open lth A 162 enclosed Aax. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V 80 V 400 V 660 V 690 V AC-4 220 V 230 V 380 V 400 V P kW 30 AC-4 220 V 230 V 9 kW 10 660 V 690 V P kW ontact sequence an be combined with auxiliary contact blub A 162 145 145 145 145 145 145 145 14	at 40 °C	$I_{th} = I_e$	Α	80
Nax. rating for three-phase motors, 50 - 60 Hz	enclosed	I _{th}	Α	58
enclosed Ac. a Ac. 3 220 V 230 V PRIVE	Conventional free air thermal current, 1 pole			
AC-3 220 V 230 V	open	I _{th}	Α	162
AC-3 220 V 230 V	enclosed	I _{th}	Α	145
220 \ 230 \ V 400 \ V 70 70 70 70 70 70 70	Max. rating for three-phase motors, 50 - 60 Hz			
380 \ \ 400 \ \ \ 660 \ \ 690 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	AC-3			
AC-4	220 V 230 V	P	kW	15.5
AC-4 220 V 230 V P kW 6 380 V 400 V P kW 10 660 V 690 V P kW 14 ontact sequence structions Contacts to EN 50012. integrated suppressor circuit in actuating electronics an be combined with auxiliary contact DILM150-XHI(V) DILM100-XHI(V)	380 V 400 V	P	kW	22
220 V 230 V Residue to the sequence of the se	660 V 690 V	P	kW	30
380 V 400 V 660 V 690 V P kW 14 Ontact sequence Intructions The combined with auxiliary contact P kW 10 Contacts to EN 50012. integrated suppressor circuit in actuating electronics DILM150-XHI(V) DILM1000-XHI(V) DILM1000-XHI(V)	AC-4			
660 V 690 V ontact sequence Instructions an be combined with auxiliary contact P kW 14 A1 1 1 3 5 A2 2 4 6 Contacts to EN 50012. integrated suppressor circuit in actuating electronics DILM150-XHI(V) DILM1000-XHI(V)	220 V 230 V	P	kW	6
A1 1 3 5 A2 2 4 6 Structions Contacts to EN 50012. integrated suppressor circuit in actuating electronics an be combined with auxiliary contact DILM150-XHI(V) DILM1000-XHI(V)	380 V 400 V	P	kW	10
AT 1 1 3 3 3 3 4 4 6 Contacts to EN 50012. integrated suppressor circuit in actuating electronics an be combined with auxiliary contact DILM150-XHI(V) DILM1000-XHI(V)	660 V 690 V	Р	kW	14
an be combined with auxiliary contact DILM150-XHI(V) DILM1000-XHI(V)	Contact sequence			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
DILM1000-XHI(V)	Instructions			
oltage AC/DC DC operation	Can be combined with auxiliary contact			
	Voltage AC/DC			DC operation

Technical data

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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			30°
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	10
Auxiliary contacts			
N/O contact		g	1
N/C contact		g	5
Degree of Protection			1900
Protection against direct contact when actuated from front (EN 50274)			Finger and back-of-hand proof
Weight			
AC operated		kg	0.9
DC operated		kg	1.1
Terminal capacity main cable			
Solid		mm ²	1 x (0.75 - 16) 2 x (0.75 - 16)
Flexible with ferrule		mm ²	1 x (0.75 - 35) 2 x (0.75 - 25)
Stranded		mm ²	1 x (16 - 50) 2 x (16 - 35)
Solid or stranded		AWG	12 - 2
Flat conductor	Lamellenzahl x Breite x Dicke	mm	2 x (6 x 9 x 0.8)
Main cable connection screw/bolt			M6
Tightening torque		Nm	3.3
Terminal capacity control circuit cables			
Solid		mm ²	1 x (0.75 - 4)
Flexible with ferrule		mm ²	2 x (0.75 - 4) 1 x (0.75 - 2.5) 2 x (0.75 - 2.5)
Solid or stranded		AWG	2 x (0.75 - 2.5) 18 - 14
Control circuit cable connection screw/bolt		AVVU	M3.5
		Nm	N3.5 1.2
Tightening torque		IVIII	1.2
Tool			