Reversing contactor combination, 380 V 400 V: 3 kW, 24 V DC, DC operation



Part no. DIULM7/21(24VDC) 107021

Functions	Reversing safety
General information	novolaing activity
Application	Contactor combinations for starting motors with two directions of rotation
Degree of protection	IP20 NEMA Other
Product category	
• /	
Suitable for	Also motors with efficiency class IE3
Utilization category	AC-3: Normal AC induction motors: starting, switch off during running AC-4: Normal AC induction motors: starting, plugging, reversing, inching
Voltage type	DC
	7E 9C
· · · ·	-25 °C
Ambient operating temperature - max	60 °C
Ferminal capacities	
·	Committee
Terminals	Screw terminals
	Screw terminals
Electrical rating	
	Sciew terminals
Terminals	Screw terminals
Terminals	Screw terminals
·	Corouttomical
erininai capacities	
Terminal capacities	
Ambient operating temperature - max	60 °C
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Ambient operating temperature - min	-25 °C
	22.20
Climatic environmental conditions	
	υυ
Voltage type	
Utilization category	
Suitable for	Also motors with efficiency class IE3
Product category	
Product category	Contactor combinations
	NEMA Other
Degree of protection	
	-
	Contactor combinations for starting maters with two directions of retation
General information	
	Reversing safety
Functions	Reversing safety
Features	Mechanical interlock
TORIUS OF FUNCTIONS	
Features & Functions	3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
Catalog Notes	IE3-fähige Geräte sind mit dem Logo auf der Verpackung gekennzeichnet.
Product Sub Type	None
Product Type	Contactor combination
Product Tradename	DIUL
Durdout Turdous va	
	UL File No.: E29096 CSA-C22.2 No. 60947-4-1-14 CSA Class No.: 2411-03, 3211-04 UL Listed CSA Certified CSA UL
	UL 60947-4-1 CSA File No.: 012528 UL File No.: E29096
Certifications	CE IEC/EN 60947-4-1 UL Category Control No.: NLDX
Compliances	RoHS Compliant CE Marked
Product weight	0.71 kilogram
Product width	90 millimetre
Product width	68 millimetre
Product Length/Depth	117 millimetre
EAN	4015081067893
Part no.	DIULM7/21(24VDC)
Product name	Eaton Moeller® series DIUL contactor combination

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Rated control supply voltage (Us) at DC. min Rated control of resistance of insulating materials to normal heat Rated supply voltage (Us) at DC. min Rated control of resistance of insulating materials to normal heat Rated supply voltage (Us) radiation Rated Standard Standard supply rated to supply since the entire savichpear medis to be evaluated. Rated Standard Standard supply since the entire savichpear medis to be evaluated. Rated Standard supply since the entire savichpear medis to be evaluated. Rated Stand	Rated control supply voltage (Us) at AC, 50 Hz - max	
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10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.12 Electromagnetic compatibility 10.13 Mechanical function Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.2.7 Inscriptions	Meets the product standard's requirements.
10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. The panel builder is responsibility. Is the panel builder is responsibility. Is the panel builder is responsibility. The panel builder's responsibility. The specifications for the switchgear must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
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10.7 Internal electrical circuits and connections Is the panel builder's responsibility. 10.8 Connections for external conductors Is the panel builder's responsibility. 10.9.2 Power-frequency electric strength Is the panel builder's responsibility. 10.9.3 Impulse withstand voltage Is the panel builder's responsibility. 10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility. 10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
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10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
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	10.12 Electromagnetic compatibility	
	10.13 Mechanical function	

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Combination of contactors (EC000010)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Combination of contactor (ecl@ss13-27-37-10-09 [AGZ572019])					
Function			Reversing contactor		
Rail mounting possible			No		
Rated control supply voltage AC 50 Hz	\	V	0 - 0		
Rated control supply voltage AC 60 Hz	1	V	0 - 0		
Rated control supply voltage DC	\	V	24 - 24		
Voltage type for actuating			DC		
Number of normally closed contacts as main contact			0		
Number of normally open contacts as main contact			6		
Type of electrical connection of main circuit			Screw connection		
Voltage type (operating voltage)			AC		
Operating voltage AC 50 Hz	١	V	24 - 690		

V	24 - 690
V	0 - 0
Α	7
Α	7
kW	3
kW	2.2
	0
	2
	0
	Screw connection
	IP20
	Other
mm	90
mm	68
mm	117
	V A A kW kW