

## **ME070RD024** ELECTRONIC REVERSING STARTER, 7A, INTEGRATED MOTOR THERMAL PROTECTION,

ENERGY AND AUTOMATION



Product type designation Electrical features Function Rated operational voltage V Rated frequency Hz Auxiliary supply voltage Rated current AC-3, AC-53a A Thermal protection Thermal trip adjustment range Safe torque Off (STO) safety function Digital outputs Number of outputs N Under of outputs N Coutput type  Output contacts ratings Mechanical features Terminals type Conductor section AWG/kcmil conductor section IEC min max Tightening torque for terminals max Nm Cable stripping lenght Operating position Fixing Weight g Output V Rated frequency Rated corrent Rated operation	Electronic reversing starter, 7A			oduct designation
Function       Rated operational voltage       V         Rated operational voltage       V         Rated frequency       Hz         Auxiliary supply voltage       Rated current AC-3, AC-53a       A         Thermal protection       Thermal trip adjustment range       Safe torque Off (STO) safety function         Digital outputs       Nr       Number of outputs       Nr.         Output type       Output contacts ratings       Nr.         Mechanical features       Terminals type       Terminals type         Conductor section       AWG/kcmil conductor section       min mm² max mm²         Tightening torque for terminals max Nm       Tightening torque for terminals max Nm         Cable stripping lenght       mm       mm         Normal       Fixing       Yeight       g	ME070RD024			oduct type designation
Rated operational voltage     V       Rated frequency     Hz       Auxiliary supply voltage     Rated current AC-3, AC-53a     A       Thermal protection     Thermal trip adjustment range     Safe torque Off (STO) safety function       Digital outputs     Nr.       Number of outputs     Nr.       Output contacts ratings     Nr.       Mechanical features     Terminals type       Conductor section     min max       IEC     min max       Tightening torque for terminals max     Nm       Cable stripping lenght     mm       Operating position     normal       Fixing     Yeight     g				ectrical features
Rated frequency     Hz       Auxiliary supply voltage     Rated current AC-3, AC-53a     A       Thermal protection     Thermal trip adjustment range     Safe torque Off (STO) safety function       Digital outputs     N       Number of outputs     Nr.       Output contacts ratings     Nr.       Mechanical features     Terminals type       Conductor section     AWG/kcmil conductor section       IEC     min       max     mm <sup>2</sup> Tightening torque for terminals max     Nm       Cable stripping lenght     mm       Operating position     normal       Fixing     Yeight     g	Reversing starter			Inction
Auxiliary supply voltage         Rated current AC-3, AC-53a         Thermal protection         Thermal trip adjustment range         Safe torque Off (STO) safety function         Digital outputs         Number of outputs         Number of outputs         Output type         Output contacts ratings         Mechanical features         Terminals type         Conductor section         AWG/kcmil conductor section         min         max         Tightening torque for terminals max         Nm         Cable stripping lenght         mormal         Fixing         Weight       g         Operations	40500	V		ated operational voltage
Rated current AC-3, AC-53a       A         Thermal protection	50/60	Hz		ated frequency
Thermal protection Thermal trip adjustment range Safe torque Off (STO) safety function Digital outputs Number of outputs Number of outputs Number of outputs Nr. Output type Output contacts ratings Mechanical features Terminals type Conductor section AWG/kcmil conductor section IEC min mm <sup>2</sup> max mm <sup>2</sup> Tightening torque for terminals max Nm Cable stripping lenght Nm Operating position Nm Veight Veight g Operations	24VDC			uxiliary supply voltage
Thermal trip adjustment range         Safe torque Off (STO) safety function         Digital outputs         Number of outputs         Output type         Output contacts ratings         Mechanical features         Terminals type         Conductor section         AWG/kcmil conductor section         min         max         Tightening torque for terminals max         Nm         Cable stripping lenght         mormal         Fixing         Weight       g         Operations	7	А		ated current AC-3, AC-53a
Safe torque Off (STO) safety function Digital outputs Number of outputs Number of outputs Nr. Output type Output contacts ratings  Mechanical features Terminals type Conductor section AWG/kcmil conductor section IEC min mm <sup>2</sup> max mm <sup>2</sup> Tightening torque for terminals max Nm Cable stripping lenght Operating position Fixing Weight g Operations	Integrated, class 10A			nermal protection
Digital outputs     Nr.       Number of outputs     Nr.       Output type	1.57A			nermal trip adjustment range
Digital outputs     Nr.       Number of outputs     Nr.       Output type	No			
Output type         Output contacts ratings         Mechanical features         Terminals type         Conductor section         AWG/kcmil conductor section				
Output contacts ratings         Mechanical features         Terminals type         Conductor section         AWG/kcmil conductor section         min         IEC         min         max         Tightening torque for terminals max         Nm         Cable stripping lenght         mormal         Fixing         Weight       g         Operations	3	Nr.		umber of outputs
Mechanical features         Terminals type         Conductor section         AWG/kcmil conductor section         in         max         IEC         min         max         max         min         min         max         min         max         min         max         min         max	1 relay output with C/O contact +2 PNP digital outputs			utput type
Terminals type         Conductor section         AWG/kcmil conductor section         min         IEC         min       mm²         max       mm²         Cable stripping lenght       mm         Operating position       normal         Fixing       g         Operations       g	Relay output: 3A 230V AC15, 2A 24V DC13 Digital outputs: 40mA 24VDC			
Conductor section       min max         AWG/kcmil conductor section       min max         IEC       min mm² max         Tightening torque for terminals max       Nm         Cable stripping lenght       mm         Operating position       normal         Fixing       g         Operations       g				
AWG/kcmil conductor section          min       min         IEC       min       mm²         max       mm²       mm²         Tightening torque for terminals max       Nm         Cable stripping lenght       mm         Operating position       normal         Fixing       g         Weight       g	Screw			
IEC       min       mm²         max       mm²       max       mm²         Tightening torque for terminals max       Nm       Nm         Cable stripping lenght       mm       mm         Operating position       normal       mm         Fixing       g       Operations       g				
IEC       min mm² max         max       mm²         max       mm²         Tightening torque for terminals max       Nm         Cable stripping lenght       mm         Operating position       normal         Fixing       g         Weight       g	24		min	
min mm <sup>2</sup> max mm <sup>2</sup> max mm <sup>2</sup> Tightening torque for terminals max Nm Cable stripping lenght mm Operating position normal Fixing Weight g Operations	14		max	
max     mm²       Tightening torque for terminals max     Nm       Cable stripping lenght     mm       Operating position     normal       Fixing     g       Weight     g       Operations     g				IEC
Tightening torque for terminals max       Nm         Cable stripping lenght       mm         Operating position       normal         Fixing       g         Weight       g         Operations       g				
Cable stripping lenght     mm       Operating position     normal       Fixing     g       Weight     g				
Operating position normal Fixing Weight g Operations	0.6		lightening torque for terminals max	
ring normal g Weight g Operations	8	mm		
Weight g Operations	Vertical		normal	berating position
Operations	35mm DIN rail (IEC/EN/BS 60715)			xing
	300	g		eight
Mechanical life cvcle				
		cycles		echanical life
Electrical life cycle	s 50 milion	cycles		ectrical life

Ambient conditions

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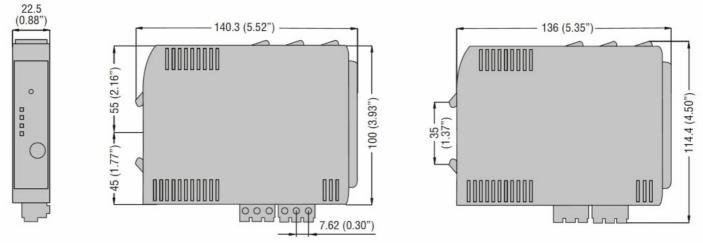
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ENERGY AND AUTOMATION OPERATIONAL VOLTAGE UE ≤500VAC, AUXILIARY AND CONTROL SUPPLY VOLTAGE 24VDC

Operating temperature

	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-25
	max	°C	+80
Relative humidity		%	2090
Resistance & Protection			
Rated insulation voltage Ui		V	500
Rated surge voltage		kV	6
Frontal IP degree			IP20
Terminals IP degree			IP20
Pollution degree			2
Dimensions			





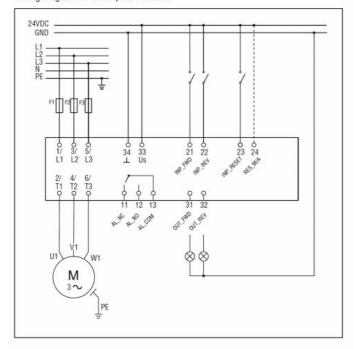
Wiring diagrams



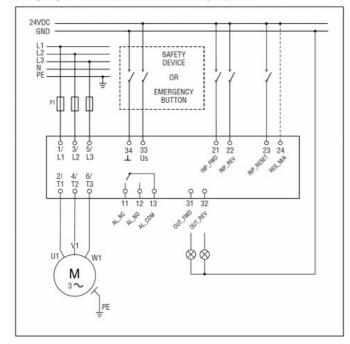
ENERGY AND AUTOMATION

## ME070RD024 ELECTRONIC REVERSING STARTER, 7A, INTEGRATED MOTOR THERMAL PROTECTION, OPERATIONAL VOLTAGE UE ≤500VAC, AUXILIARY AND CONTROL SUPPLY VOLTAGE 24VDC

Wiring diagram for three-phase motors

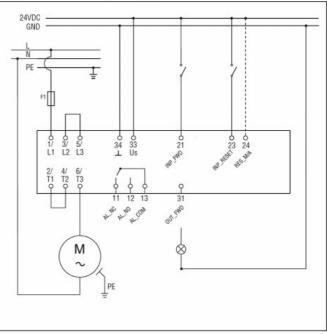


Wiring diagram for three-phase motors for safety applications

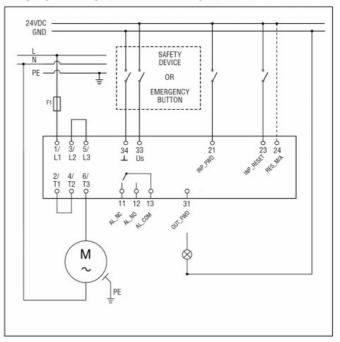


## Certifications and compliance

Wiring diagram for single-phase motors



Wiring diagram for single-phase motors for safety applications



	CSA C22.2 n° 60947-4-2	
	IEC/EN/BS 609474-2	
	UL 60947-4-2	
Certificates		
	cULus	
ETIM classification		
		EC001037 -
ETIM 8.0		Motor starter /
		Motor starter
		combination

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