

Product designation

Electrical features

Rated frequency

Thermal protection

Digital outputs Number of outputs

Output type

Function

ME070RSD024 ELECTRONIC REVERSING STARTER, 7A, INTEGRATED MOTOR THERMAL PROTECTION AND STO (SAFE TORQUE OFF) EMERGENCY STOP, OPERATIONAL VOLTAGE UE ≤500VAC, AUXILIARY AND CONTROL SUPPLY VOLTAGE 24VDC



Electronic reversing starter with STO, 7A ME070RSD024 Product type designation **Reversing starter** Rated operational voltage V 40...500 Hz 50/60 24VDC Auxiliary supply voltage Rated current AC-3, AC-53a А 7 Integrated, class 10A Thermal trip adjustment range 1.5...7A Safe torque Off (STO) safety function Built-in IEC 61508 Safety Integrity Level SIL3 ISO 13849-1 performance level PL e Nr. 3 1 relay output with C/O contact +2 PNP digital outputs Relay output: 3A 230V AC15, 2A 24V DC13 Digital Output contacts ratings outputs: 40mA 24VDC

Terminals type			Screw
Conductor section			
	AWG/kcmil conductor section		
	min		24
	max		14
	IEC		
	min	mm²	0.2
	max	mm²	2.5
	Tightening torque for terminals max	Nm	0.6
Cable stripping lenght		mm	8
Operating position			
	normal		Vertical
Fixing			35mm DIN rail (IEC/EN/BS 60715)
Weight		g	300
Operations			
Mechanical life		cycles	15 milion
	tics described in this document are subject to updates or modifications at any time. The description nation, illustrations and instructions in this brochure are purely illustrative, and are consequently not		



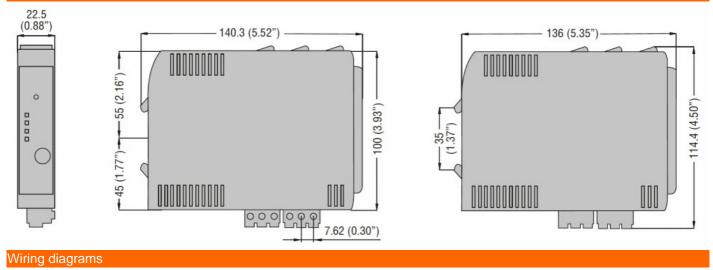
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ENERGY AND AUTOMATION

AUXILIARY AND CONTROL SUPPLY VOLTAGE 24VDC

Electrical life		cycles	50 milion
Ambient conditions			
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

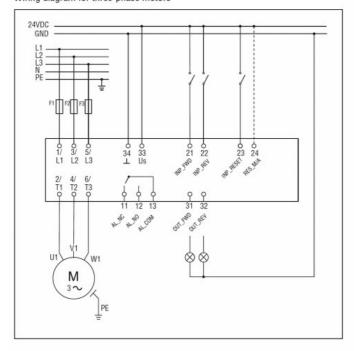




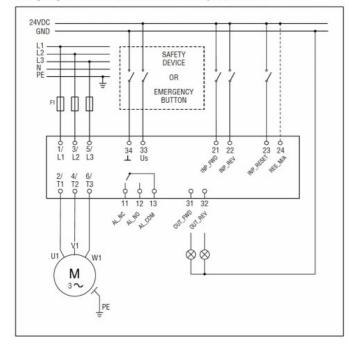
ENERGY AND AUTOMATION

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Wiring diagram for three-phase motors



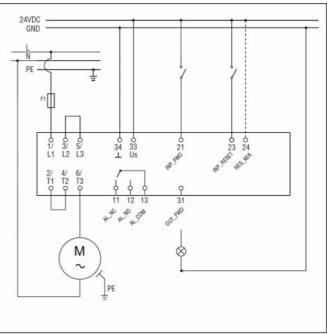
Wiring diagram for three-phase motors for safety applications



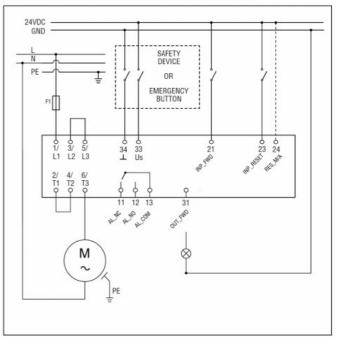
Certifications and compliance

Compli	ance
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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