



Electronic
reversing starter
with STO, 2.4A
ME024RSD024

Product designation

Product type designation

Electrical features

Function	Reversing starter	
Rated operational voltage	V	40...500
Rated frequency	Hz	50/60
Auxiliary supply voltage	24VDC	
Rated current AC-3, AC-53a	A	2.4
Thermal protection	Integrated, class 10A	
Thermal trip adjustment range	0.18...2.4A	
Safe torque Off (STO) safety function	Built-in	
IEC 61508 Safety Integrity Level	SIL3	
ISO 13849-1 performance level	PL e	

Digital outputs

Number of outputs	Nr.	3
Output type	1 relay output with C/O contact +2 PNP digital outputs	
Output contacts ratings	Relay output: 3A 230V AC15, 2A 24V DC13 Digital outputs: 40mA 24VDC	

Mechanical features

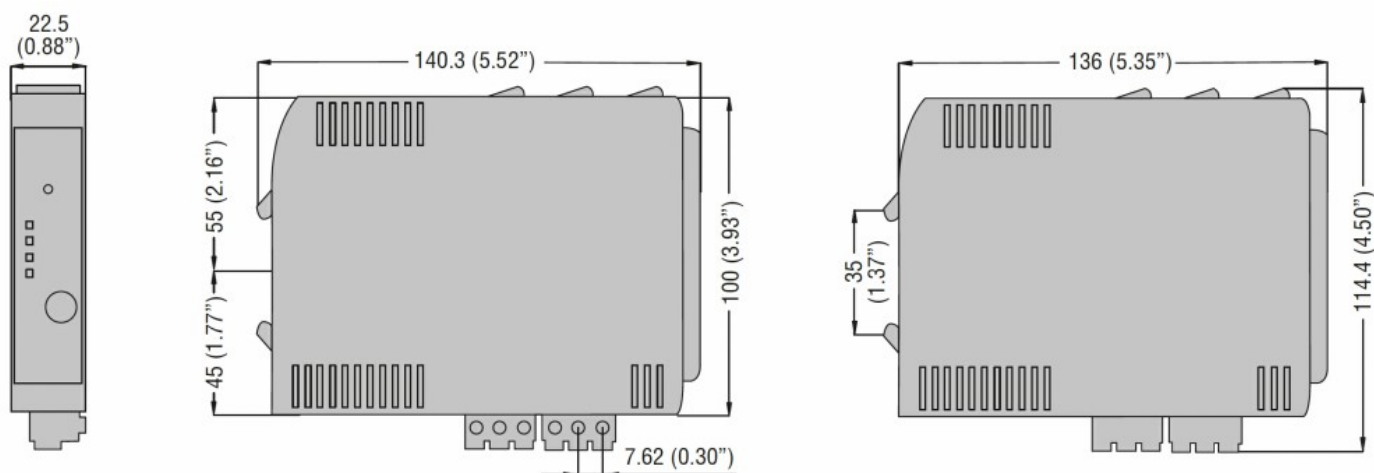
Terminals type	Screw		
Conductor section	AWG/kcmil conductor section		
	min	24	
	max	14	
	IEC		
	min	mm²	0.2
	max	mm²	2.5
	Tightening torque for terminals max	Nm	0.6
Cable stripping lenght		mm	8
Operating position	normal	Vertical	
Fixing		35mm DIN rail (IEC/EN/BS 60715)	
Weight		g	300
Operations			
Mechanical life		cycles	15 million

Operations

Mechanical life	cycles	15 milion
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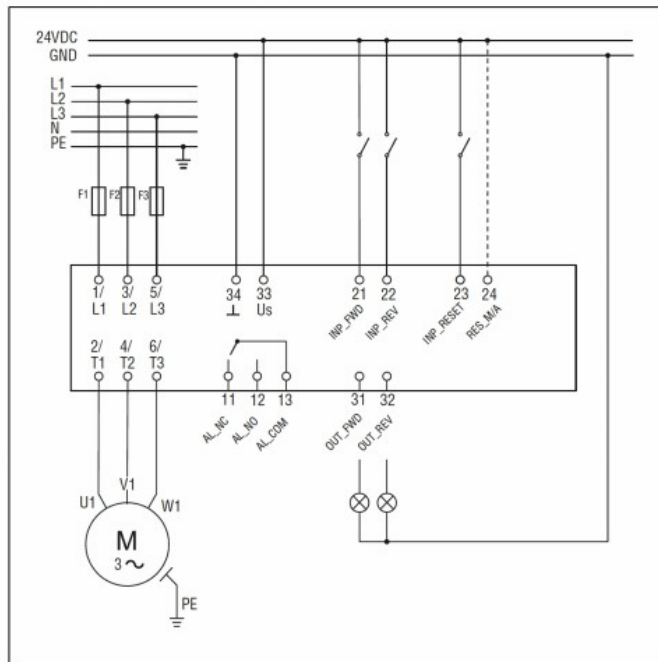
Electrical life	cycles	50 million
Ambient conditions		
Operating temperature	min	°C -25
	max	°C +70
Storage temperature	min	°C -25
	max	°C +80
Relative humidity	%	20...90
Resistance & Protection		
Rated insulation voltage U_i	V	500
Rated surge voltage	kV	6
Frontal IP degree		IP20
Terminals IP degree		IP20
Pollution degree		2

Dimensions

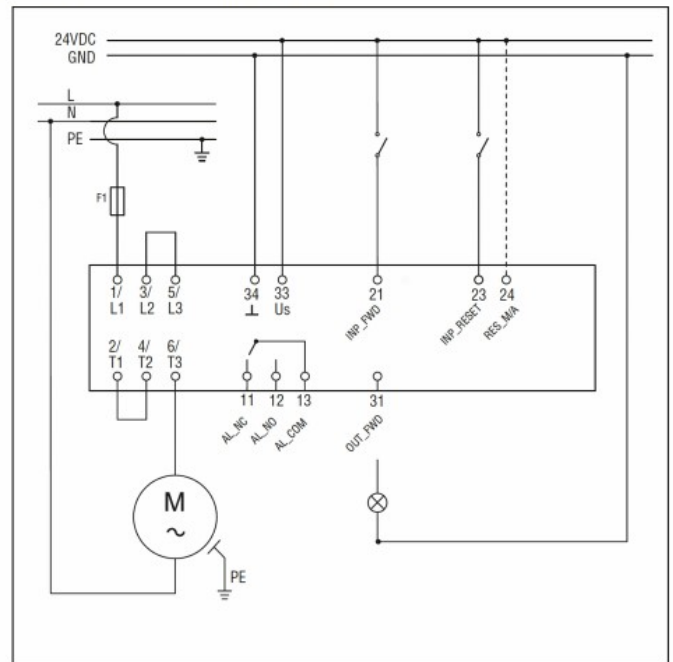


Wiring diagrams

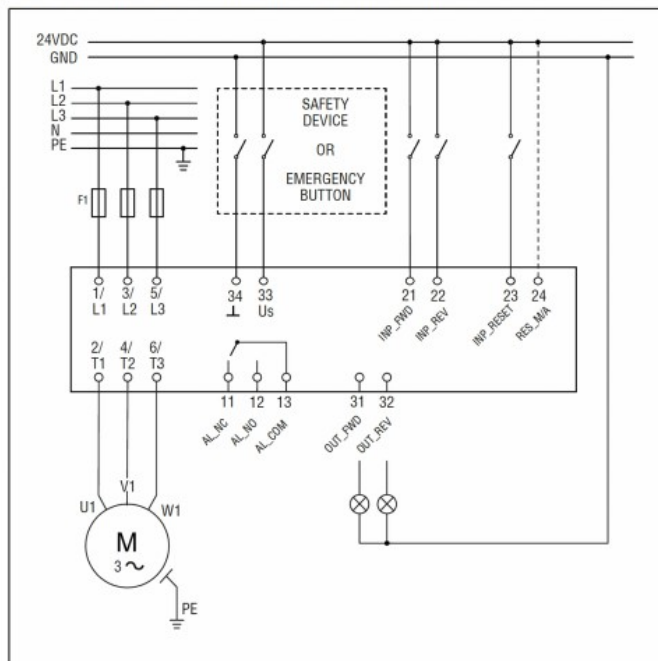
Wiring diagram for three-phase motors



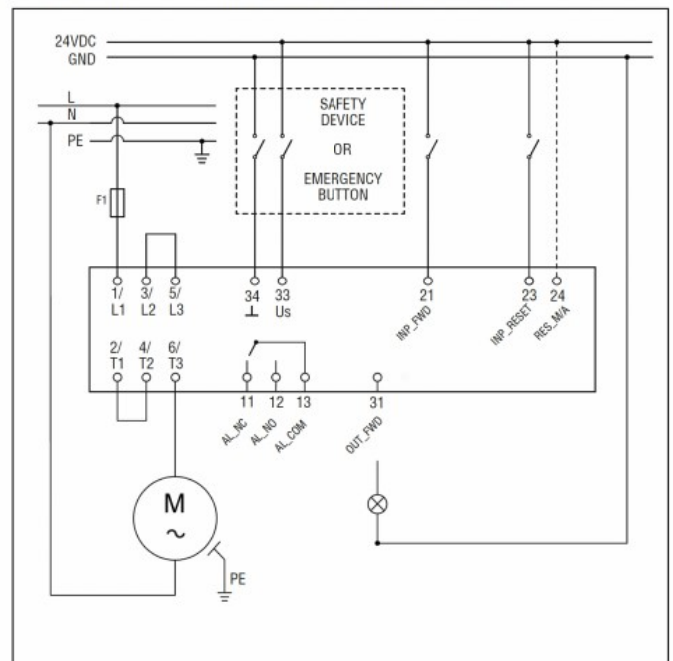
Wiring diagram for single-phase motors



Wiring diagram for three-phase motors for safety applications



Wiring diagram for single-phase motors for safety applications



Certifications and compliance

Compliance

CSA C22.2 n° 60947-4-2

IEC/EN/BS 60947-4-2

UL 60947-4-2

Certificates

cULus

ETIM classification

ETIM 8.0

EC001037 -
Motor starter /
Motor starter
combination