



Electronic
reversing starter,
7A
ME070RD024

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	7	
Thermal protection		Integrated, class 10A	
Thermal trip adjustment range		1.5...7A	
Safe torque Off (STO) safety function		No	

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	mm ²	0.2
	max	mm ²	2.5
	Tightening torque for terminals max	Nm	0.6
Cable stripping length	mm	8	

Operating position	normal	Vertical	
Fixing		35mm DIN rail (IEC/EN/BS 60715)	
Weight	g	300	

Operations

Mechanical life	cycles	15 milion	
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	%	20...90
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Resistance & Protection

Rated insulation voltage U_i	V	500
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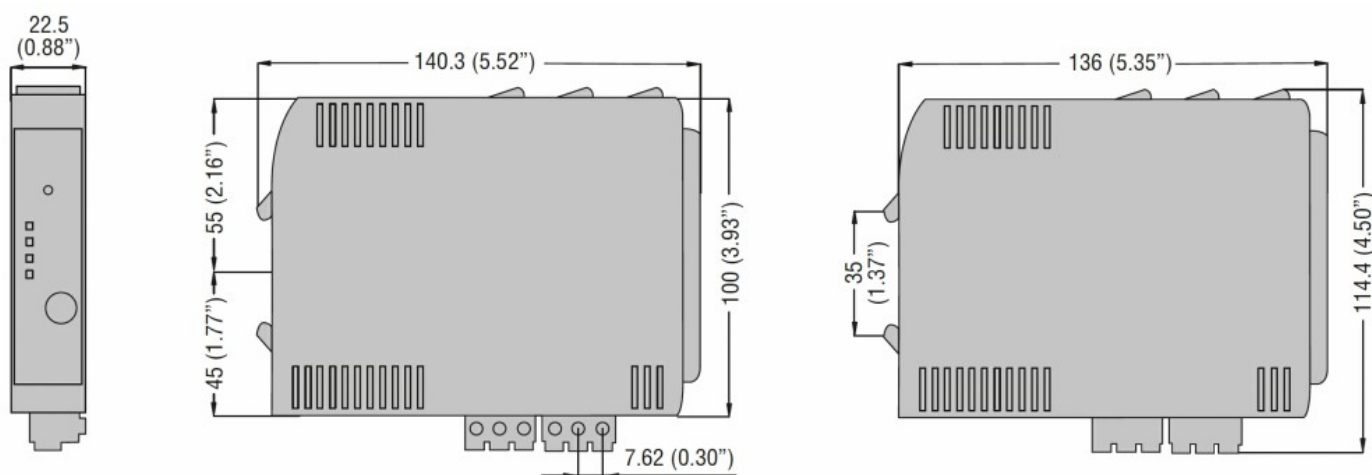
Rated surge voltage	kV	6
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Frontal IP degree	IP20
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Terminals IP degree	IP20
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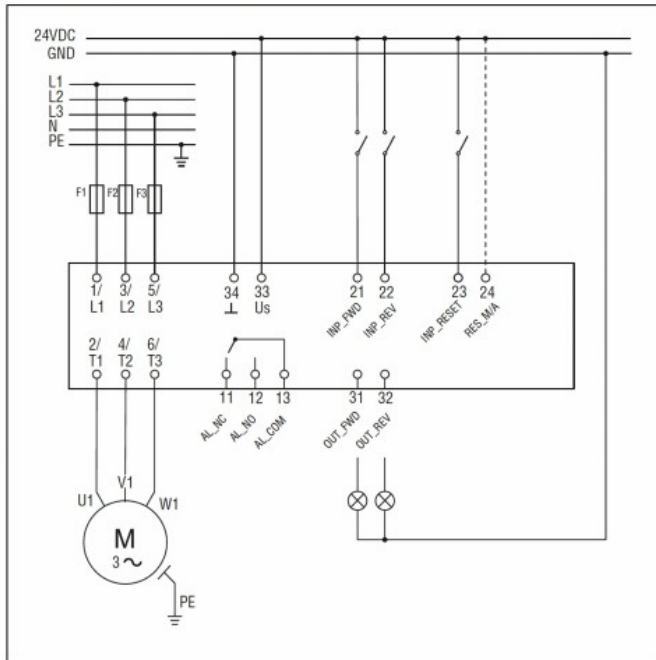
Pollution degree	2
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Dimensions

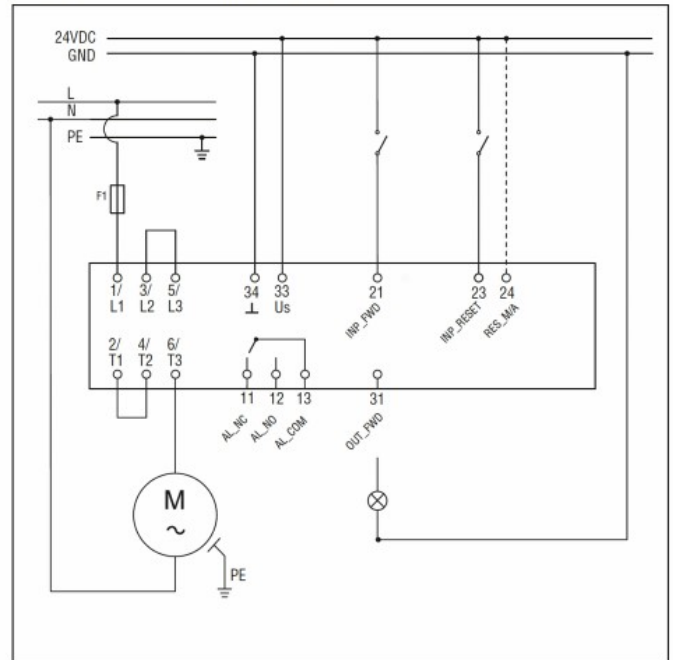


Wiring diagrams

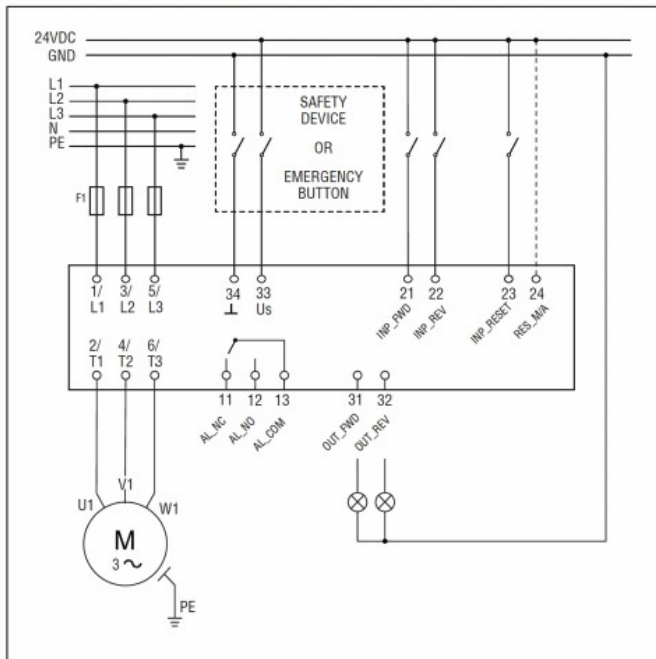
Wiring diagram for three-phase motors



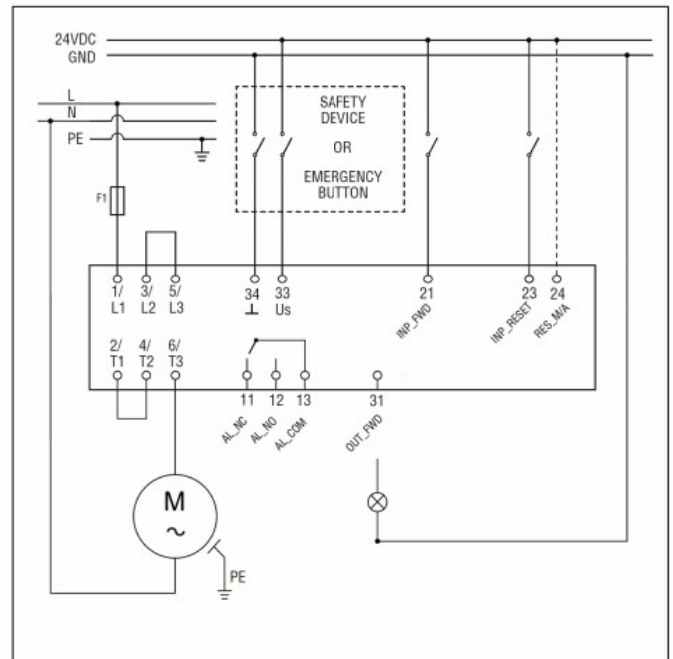
Wiring diagram for single-phase motors



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