



Electronic
reversing starter,
2.4A
ME024RD024

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	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 lenght				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

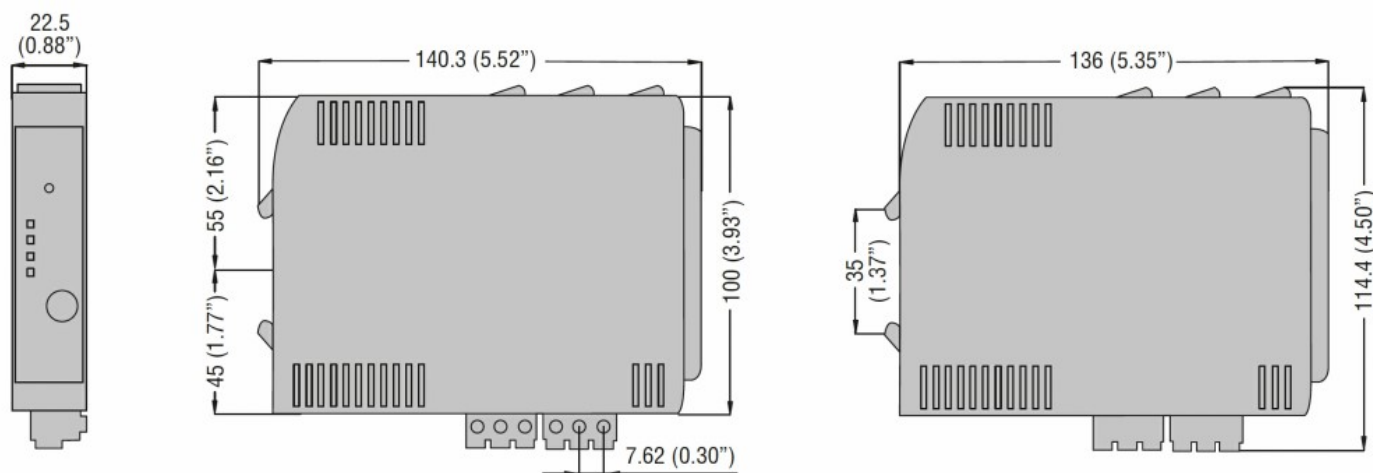
Terminals IP degree

IP20

Pollution degree

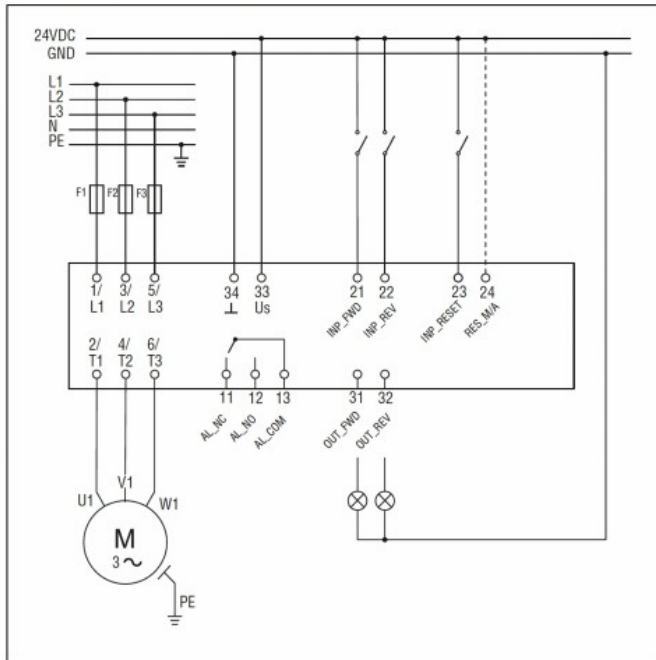
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Dimensions

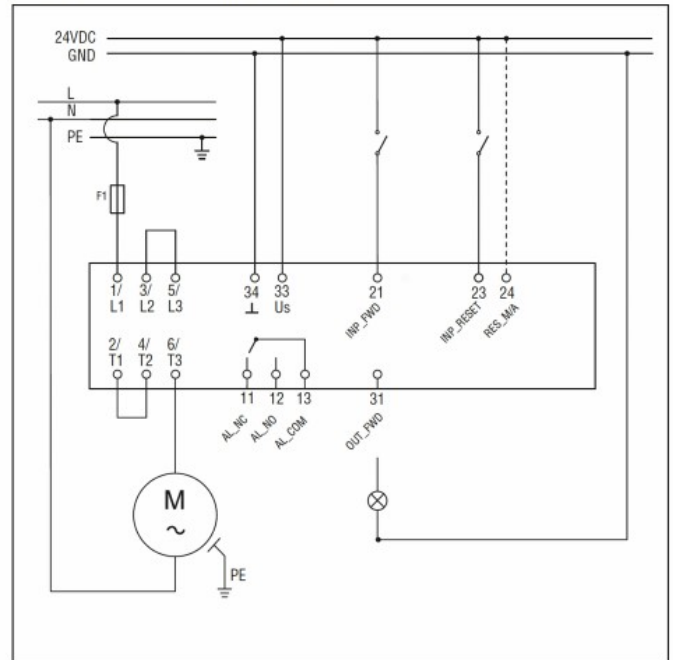


Wiring diagrams

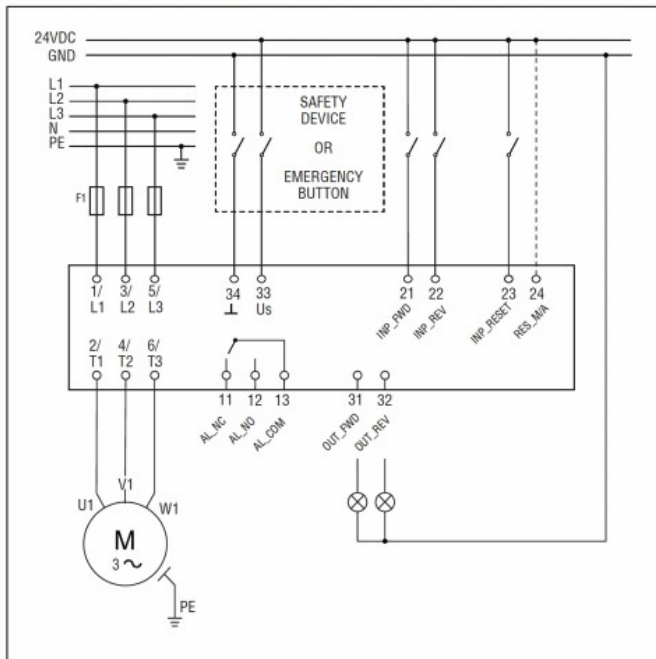
Wiring diagram for three-phase motors



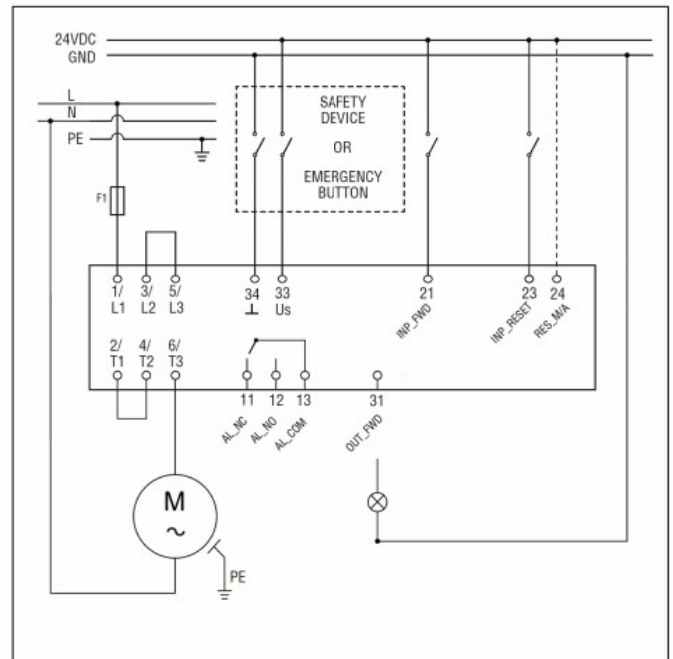
Wiring diagram for single-phase motors



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