



Electronic direct-on-line starter,
2.4A
ME024FD024

Product designation

Product type designation

Electrical features

Function	Direct-On-Line 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.	2
Output type	1 relay output with C/O contact +1 PNP digital output	
Output contacts ratings	Relay output: 3A 230V AC15, 2A 24V DC13 Digital output: 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 million
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
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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

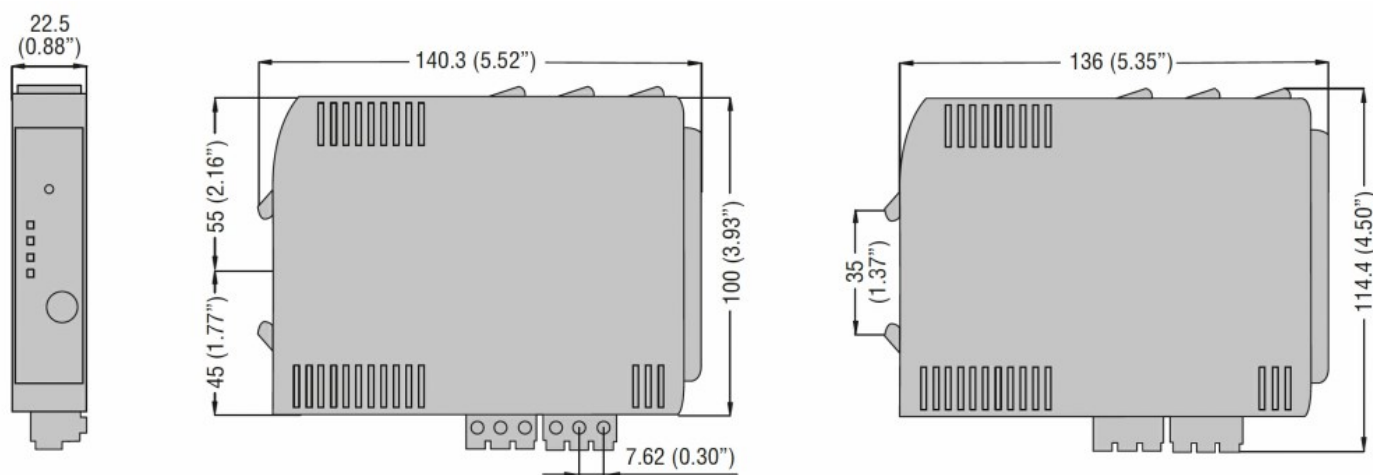
Terminals IP degree

IP20

Pollution degree

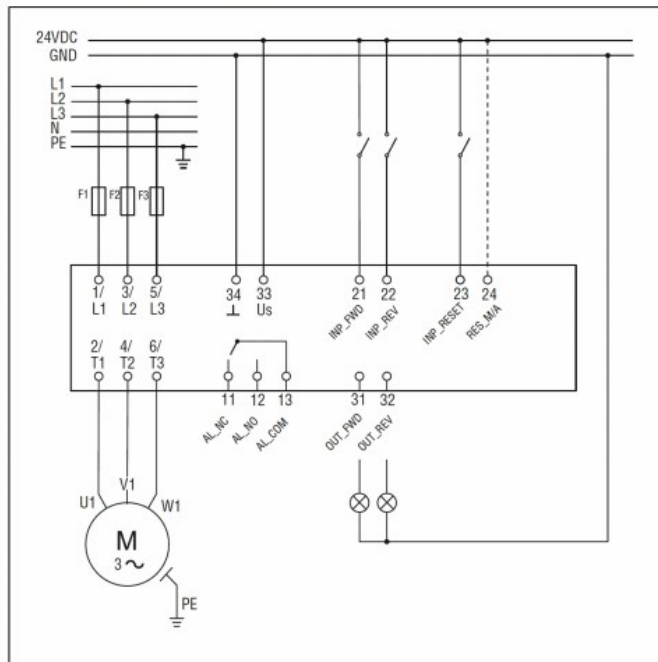
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Dimensions

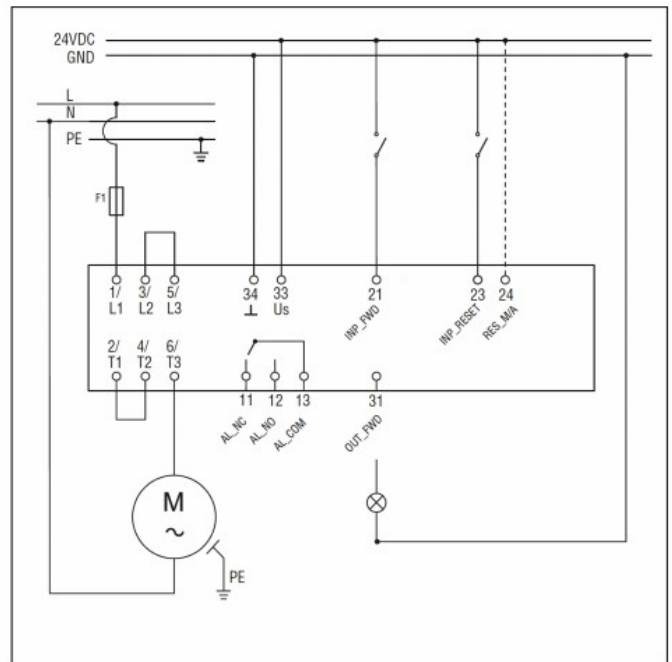


Wiring diagrams

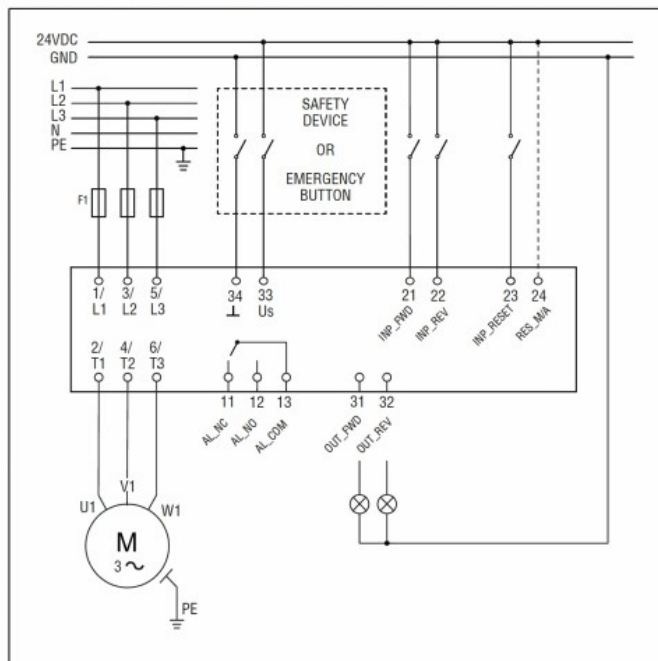
Wiring diagram for three-phase motors



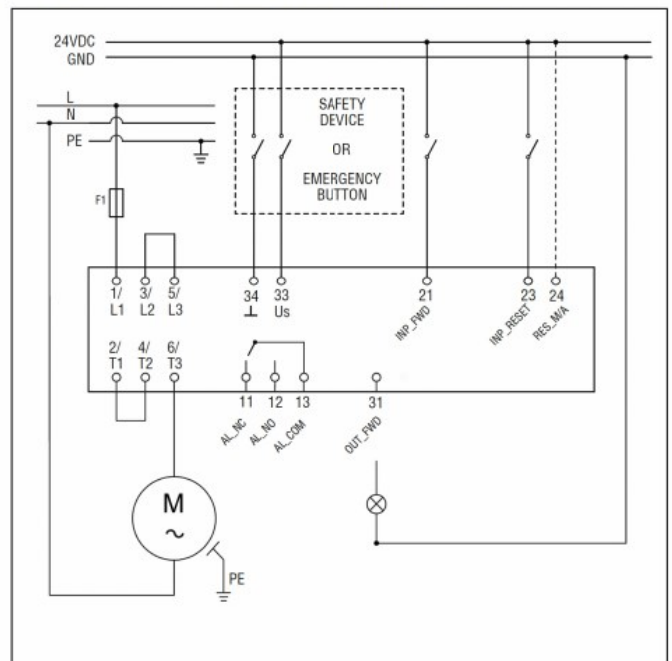
Wiring diagram for single-phase motors



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