

Product designation

ME024FSD024 ELECTRONIC DIRECT-ON-LINE STARTER, 2.4A, INTEGRATED MOTOR THERMAL electric PROTECTION AND STO (SAFE TORQUE OFF) EMERGENCY STOP, OPERATIONAL VOLTAGE UE ≤500VAC, AUXILIARY AND CONTROL SUPPLY VOLTAGE 24VDC



Electronic directon-line starter

Product type designationMBElectrical featuresDir staFunctionDir staRated operational voltageVRated frequencyHzAuxiliary supply voltage24Rated current AC-3, AC-53aAZ.4Thermal protectionInt 10Thermal trip adjustment range0.1Safe torque Off (STO) safety functionBu IEC 61508 Safety Integrity LevelISO 13849-1 performance levelPLDigital outputsNr. 2Output typewit +1	th STO, 2.4A E024FSD024
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Number of outputs Nr. 2 1 r 1 r Output type +1	
1 r Output type +1	
	elay output th C/O contact PNP digital tput
Output contacts ratings 23 Output contacts ratings 24 output 01	elay output: 3A OV AC15, 2A V DC13 Digital tput: 40mA VDC
Mechanical features	
Terminals type Sc	rew
Conductor section	
AWG/kcmil conductor section	
min 24	
max 14	
IEC	
min mm² 0.2	
max mm ² 2.5	
Tightening torque for terminals max Nm 0.6	6
Cable stripping lenght mm 8	
Operating position normal Ve	ertical
35 Fixing (IE	mm DIN rail C/EN/BS 715)
Weight g 30	(10)
Operations	,

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



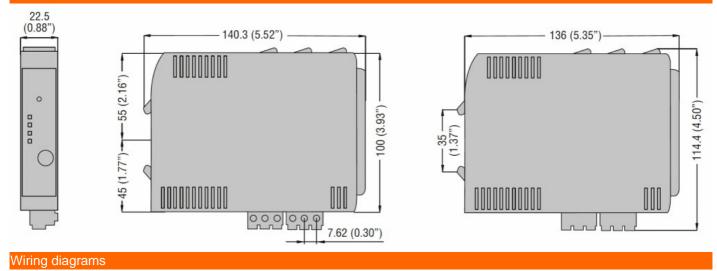
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ENERGY AND AUTOMATION

electric PROTECTION AND STO (SAFE TORQUE OFF) EMERGENCY STOP, OPERATIONAL VOLTAGE UE ≤500VAC, AUXILIARY AND CONTROL SUPPLY VOLTAGE 24VDC

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		%	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

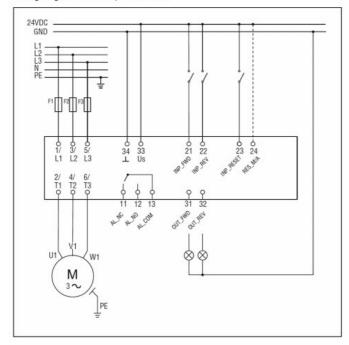




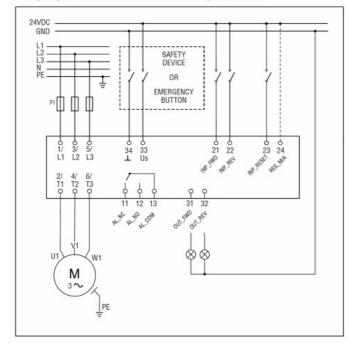
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Wiring diagram for three-phase motors



Wiring diagram for three-phase motors for safety applications



Certifications and compliance

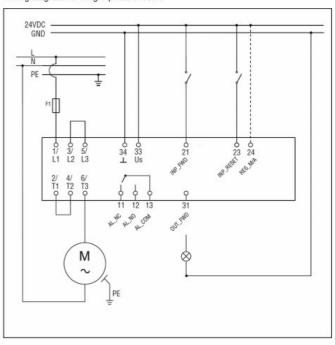
Compliance

CSA C22.2 n° 60947-4-2
IEC/EN/BS 609474-2
UL 60947-4-2

Certificates

cULus

Wiring diagram for single-phase motors



Wiring diagram for single-phase motors for safety applications

