



Product designation  
Product type designation  
Motor type

Soft starter basic  
ADXNB  
Asynchronous  
three phase

### Electrical features

Supplies voltage

Type of system	Three phase
Rated supply voltage	208...600VAC
auxiliary supply voltage (Us)	24VAC/DC
Rated frequency	50/60

Rated starter current Ie	A	18
Rated motor power		

IEC ratings (T≤40°C)

230VAC	kW	4
400VAC	kW	7.5
500VAC	KW	11

UL ratings (T≤40°C)

220-240VAC	HP	5
380-415VAC	HP	10
440-480VAC	HP	10
550-600VAC	HP	15

Number of controlled phases	Nr.	2
Built-in bypass		Yes
Cooling System		Natural or forced (optional)
Rated insulation voltage Ui	V	600

### Programming interface

Potentiometer		Settings: starting voltage, acceleration ramp, deceleration ramp
Display		No
Programming with NFC technology		No
Optical port		No

### Startup and stop settings

Startup method		Voltage ramp
Stop method		Voltage ramp or free-wheel stop
Acceleration ramp	s	1-20
Deceleration ramp	s	0-20
Startup voltage	%	30-80

### Protections

No power line,  
phase loss,  
frequency out of  
limits, phase  
sequence  
(configurable)

Power supply Protection

Starter protection Overtemperature

#### Functions

Built-in bypass	2
Built-in display and keypad	Yes
Languages	No
View measurements	No
Torque control	No
Adjustable current limit	No
Dynamic braking	No
Kick Start function	No
Motor overload electronic protection	No
Motor protection PTC input	No
Protection against phase loss	No
Protection against phase inversion	Yes
Protection against locked rotor	Yes
Protection against thyristor overtemperature	No
Protection against low load	Yes
Programmable alarm	No
Digital inputs	No
Analog inputs	Yes
Digital outputs	No
Analog output	Yes
Monitoring communication	No
Optical port for programming	Optional
Event log	No
Motor hour counter	No
Startup counter	No
Clock calendar	No
Remote external keypad	No
Plug-in version	No

#### Input and Output

Digital inputs	Number of digital input	Nr.	1
	Digital input type		Volt-free contact
	Digital input functions		Motor start
Digital outputs	Number of digital output	Nr.	2
	Digital output arrangement		2 NO contacts with the same common, 5A 250VAC AC1 - 5A 30 VDC
	Digital output functions		Line contactor (Run), TOR (Top Of Ramp)

#### Communication interfaces

Communication interface No

#### Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+60°C (with current derating >40°C)

Storage temperature

min	°C	-30
max	°C	+80

Max altitude

1000 without  
derating of the  
starter current

Relative humidity

% <80%

Pollution degree

2

Installation category

III

Housing

Mounting

Screw-fixing or  
35mm DIN rail  
(IEC/EN/BS  
60715)

IP degree of protection

IP20

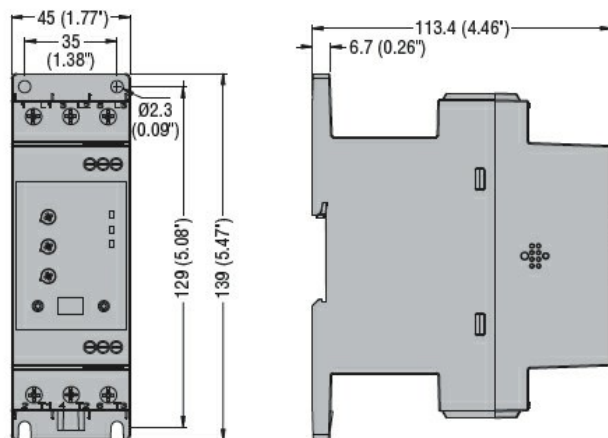
Dimensions (W x H x D)

mm 45 x 139 x 113.4

Weight

Kg 0.45

Dimensions



Certifications and compliance

Compliance

CSA C22.2 n° 60947-4-2

IEC/EN/BS 60947-1

IEC/EN/BS 60947-4-2

UL 60947-4-2

Certificates

cULus

EAC

RCM (pending)

ETIM classification

ETIM 8.0

EC000640 - Soft  
starter