

Altistart® 01 Soft Start

The *starting* solution...



For single-phase and three-phase asynchronous motors
3 to 85 Amps – 1/4 to 75 HP (0.37 to 75kW)



Telemecanique



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Advanced functionality in a mini soft start

The Altistart® 01 soft start enhances starting performance by ensuring a smooth and controlled start for asynchronous motors, while providing torque surge suppression during both the starting and stopping operation. This highly functional mini soft start can help to decrease your maintenance work and production downtime by preventing the mechanical shocks that create wear and tear on your motor and machinery.

Providing a typical panel savings of 25%, the Altistart 01 is one of the most compact soft starts available and features simple installation through DIN rail mounting and a removable control wiring terminal. Most Altistart 01 models are available in a 45 mm width to match the industry standard for IEC motor starters rated at or below 32 amps.

Offered in three performance levels, the Altistart 01 provides an efficient, cost-effective soft start solution for a variety of applications.



Actual Size

(7.5 HP at 460V)
The compact Altistart 01 delivers advanced features and increased functionality in a small, easy to use unit.



ATS01N1 Torque Limiting Soft Starts

Key Features:

- Single or three phase motor control
- 22.5 and 45 mm width
- Side-by-side mounting to minimize panel space
- Pass through wiring: Input power on top, motor terminals on bottom. Easy to add to existing motor starter
- Two indicator lights for quick status check
- Convenient, analog adjustment knobs
Adapt Altistart® 01 to your application
- 9 and 12 amp models only
 - Built-in bypass contactor. Cool, reliable operation – smaller enclosure
 - DIN rail or panel mounting
 - Plug-in control terminals to simplify wiring



ATS01N2 Higher Horsepower Soft Starts

Key Features:

- For heavy-duty applications
- A wide range of standard industrial and commercial motor voltages
- Limits both current and torque during motor starting
- Soft starting and stopping
- Built-in bypass contactor. Cool, reliable operation – smaller enclosure
- Pass through wiring: Input power on top, motor terminals on bottom. Easy to add to existing motor starter
- 2 or 3 wire control – adaptable to existing controls
- Output signals to interface with control system
- Convenient, analog adjustment knobs
Adapt Altistart 01 to your application
- Two indicator lights for quick status check



Altistart® 01 Soft Start Selection

ATS01N2 Family – 3 Phase Motors – 6 to 32 Amps at 208, 230, 400, and 460 V

	24Vdc control power required															
	Amps	Catalog Number	Motor Power													
			Three Phase													
			208V		230V		400V		460V							
	6	ATSU01N206LT	1 HP		0.75 – 1.1 kW		1 – 1.5 HP		1.5 – 2.2 kW		2 – 3 HP					
	9	ATSU01N209LT	1.5 – 2 HP		1.5 kW		2 HP		3 – 4 kW		5 HP					
	12	ATSU01N212LT	3 HP		2.2 – 3 kW		3 HP		5.5 kW		7.5 HP					
	22	ATSU01N222LT	5 HP		4 – 5.5 kW		5 – 7.5 HP		7.5 – 11 kW		10 – 15 HP					
	32	ATSU01N232LT	7.5 – 10 HP		7.5 kW		10 HP		15 kW		20 HP					
	NO control power required															
	Amps	Catalog Number	Motor Power													
			Three Phase													
			208V		230V		400V		460V							
6	ATS01N206LU	1 HP		0.75 – 1.1 kW		1 – 1.5 HP										
9	ATS01N209LU	1.5 – 2 HP		1.5 kW		2 HP										
12	ATS01N212LU	3 HP		2.2 – 3 kW		3 HP										
22	ATS01N222LU	5 HP		4 – 5.5 kW		5 – 7.5 HP										
32	ATS01N232LU	7.5 – 10 HP		7.5 kW		10 HP										
6	ATS01N206QN							1.5 – 2.2 kW								
9	ATS01N209QN							3 – 4 kW								
12	ATS01N212QN							5.5 kW								
22	ATS01N222QN							7.5 – 11 kW								
32	ATS01N232QN							15 kW								
6	ATS01N206RT									2 – 3 HP						
9	ATS01N209RT									5 HP						
12	ATS01N212RT									7.5 HP						
22	ATS01N222RT									10 – 15 HP						
32	ATS01N232RT									20 HP						
Accessory	VW3G4104	Custom power connector Install between ATS01 and TeSys U-Line Motor Starter Included with ATSU01N2**LT soft starts														
Dimensions	Catalog Number		Width		Height		Depth		Catalog Number		Width		Height		Depth	
			mm	in	mm	in	mm	in			mm	in	mm	in	mm	in
	ATS•01N206•• ATS•01N209•• ATS•01N212••		45	1.77	124	4.88	135	5.31	ATS•01N222•• ATS•01N232••		45	1.77	154	6.06	130.7	5.15

ATS01N1 Family – Single or 3 Phase Motors – 3 to 12 Amps at 110, 208, 230, 400, and 460 Volts

	Amps	Catalog Number	Motor Power												
			Single Phase					Three Phase							
			110V		230V			208V		230V		400V		460V	
	3	ATS01N103FT	-	0.37 kW		1/4 HP	1/2 HP		0.37 – 0.55 kW		1/2 HP		1.1 kW		1 – 1.5 HP
	6	ATS01N106FT	1/4 HP	0.75 kW		1/2 HP	1 HP		0.75 – 1.1 kW		1 – 1.5 HP		2.2 kW		2 – 3 HP
	9	ATS01N109FT	1/3 HP	1.1 kW		1 HP	2 HP		1.5 kW		2 HP		4 kW		5 HP
	12	ATS01N112FT	1/2 HP	1.5 kW		2 HP	3 HP		2.2 kW		3 HP		5.5 kW		7.5 HP
	Accessory	RHZ66	DZ5 MB DIN rail adapter for 3 and 6 amp models												
	Dimensions	Catalog Number	Width		Height		Depth		Catalog Number	Width		Height		Depth	
			mm	in	mm	in	mm	in		mm	in	mm	in	mm	in
ATS01N103FT ATS10N106FT			22.5	0.9	100	3.94	100.4	3.95	ATS01N109FT ATS10N112FT	45	1.77	124	4.88	130.7	5.15

ATS01 Higher HP Family – 3 Phase Motors – 32 to 85 Amps at 208, 230, 400, 460, 575, and 690 Volts

	Amps	Catalog Number	Motor Power													
			Three Phase													
			208V		230V		400V		460V		575V		690V			
	32	ATS01N230LY	–		7.5 kW		10 HP		15 kW		20 HP		30 HP		30 kW	
	44	ATS01N244LY	10 HP		11 kW		15 HP		22 kW		30 HP		40 HP		37 kW	
	72	ATS01N272LY	15 – 20 HP		18.5 kW		20 – 25 HP		37 kW		50 HP		60 HP		55 kW	
	85	ATS01N285LY	25 HP		22 kW		30 HP		45 kW		60 HP		75 HP		75 kW	
	Accessory	LAD8N11	“Up to Speed” auxiliary relay contact (attaches to side of ATS01)													
	Accessory	VY1H4101	DIN rail adapter (32 and 44 amp models)													
	Dimensions	Catalog Number	Width		Height		Depth		Catalog Number	Width		Height		Depth		
mm			in	mm	in	mm	in	mm		in	mm	in	mm	in		
ATS01N230LY ATS10N244LY			180	7.09	146	5.75	126	4.96		ATS01N272LY ATS01N285LY	180	7.09	254.5	10.02	126	4.96



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