



VARIABLE SPEED DRIVES



VAT 20 - Micro AC variable speed drives

- Single-phase or three-phase digital inverters for controlling the speed of three-phase induction AC motors from 0.2 to 2.2kW
- Built-in keypad and display
- IP20 or IP65 (on request) protection degree
- Built-in EMC filter for industrial environment (class A)
- Constant torque, Constant power, Torque boost
- Integrated EMC filters for U20...FS series
- Overload capacity - 150%, 60 sec.
- Built-in with dynamic braking up to 15kW

Item Code	6-Digit	Voltage/Phase	I - Output	Motor kW
U20N0K2S	167075	240VAC / 1Ph	1.4A	0.2
U20N0K4S	167076	240VAC / 1Ph	2.3A	0.4
U20N0K7S	167077	240VAC / 1Ph	4.2A	0.75
U20X0K7S	167080	480VAC / 3Ph	2.3A	0.75
U20X1K5S	167081	480VAC / 3Ph	3.8A	1.5
U20X2K2S	167082	480VAC / 3Ph	5.2A	2.2



VAT 200 - Mini AC variable speed drives

- Single-phase or three-phase digital inverters for controlling the speed of three-phase induction AC motors from 0.2 to 2.2kW
- Built-in removable LED keypad
- Sensorless vector control or V/f control, selectable
- Built-in with ModBus RTU communications
- Optional Field bus communication DeviceNet, Profi busDP available on request
- Starting torque - 150% / 1Hz (sensorless vector)
- Integrated EMC filters for U20...FS series

Item Code	6-Digit	Voltage/Phase	I - Output	Frame Size	Motor kW
U203X00K7FS	167404	480VAC / 3Ph	2.3	1	0.75
U203X01K5FS	167405	480VAC / 3Ph	3.8	1	1.5
U203X02K2FS	167406	480VAC / 3Ph	5.2	2	2.2
U203X04K0FS	167407	480VAC / 3Ph	8.8	2	3.7
U203X05K5FS	167408	480VAC / 3Ph	13	3	5.5
U203X07K5FS	167409	480VAC / 3Ph	17.5	3	7.5
U203X11K0FS	167410	480VAC / 3Ph	25	3	11
U203X15K0SS	167481	480VAC / 3Ph	32	4	15
U203X18K5SS	167482	480VAC / 3Ph	40	4	18.5
U203X22K0SS	167483	480VAC / 3Ph	48	4	22
U203X30K0SS	167484	480VAC / 3Ph	64	5	30
U203X37K0SS	167485	480VAC / 3Ph	80	5	37
U203X45K0SS	167486	480VAC / 3Ph	96	6	45
U203X55K0SS	167487	480VAC / 3Ph	128	6	55



SOFT STARTERS



ASTAT S Small Soft starters with integrall bypass - 2 phase control

- Solid State starter for standard 3ph AC motors up to 30kW
- Two phase control with integrated bypass
- Compact, Small case
- DIN Rail mount, optional from 31A
- 230V/500V/600V available on request
- Start & Stop features

Item Code	6-Digit	Voltage/Phase	I - Output	Motor kW
QA12P008S	120892	380 / 3Ph	8A	4
QA12P017S	120893	380 / 3Ph	17A	7.5
QA12P022S	120894	380 / 3Ph	22A	11
QA12P031S	120895	380 / 3Ph	31A	15
QA12P044S	120896	380 / 3Ph	44A	22
QA12P058S	120897	380 / 3Ph	58A	30



ASTAT XT Digital Soft starters with integrall bypass - 3 phase control

- Friendly multi-language display interface with 2 rows sixteen characters each
- Built-in with three extra power terminals for external bypass
- In-line or Inside-delta operation modes
- Torque Control & Pump control advanced features available on request
- Motor protection to IEC10,20 & Nema 10,20,30
- Built in RS485 port & Modbus as standard
- ProfibusDP & DeviceNet available on request

Item Code	6-Digit	Voltage/Phase	I - Output	Motor Kw@415V Normal Duty
QT10008U21MS	169075	230-690V / 3Ph	8	3
QT10017U21MS	169076	230-690V / 3Ph	17	7.5
QT10031U21MS	169077	230-690V / 3Ph	31	15
QT10044U21MS	169078	230-690V / 3Ph	44	22
QT10058U21MS	169079	230-690V / 3Ph	58	30
QT10072U21MS	169080	230-690V / 3Ph	72	37
QT10085U21MS	169081	230-690V / 3Ph	85	45
QT10105U21MS	169082	230-690V / 3Ph	105	55
QT10145U21MS	169083	230-690V / 3Ph	145	75
QT10170U21MS	169084	230-690V / 3Ph	170	90

