

ESCOSTART Soft Starter

RVS-AX – Analogue Soft Starter

Subject to technical changes, version number: 07b22052



Standard Features

- Built-in Bypass
- Full Bridge (6 Thyristors)
- Ramp-up
- Ramp-down
- Current Limitation
- Electronic Motor Protection
- Phase Loss Detection
- Overtemperature Detection
- Operation Visualization by 6 LEDs
- 2 Relays:
 - Fault Indication
 - End of Acceleration
- Start/Stop via Contact
- Aluminum Housing

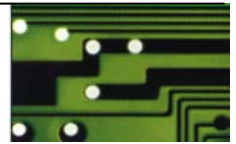
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Specifications

Type of RVS-AX...	8	17	31	44	58	72	85	105	145	170
Rated Output Current (A)	8	17	31	44	58	72	85	105	145	170
Rated Motor Power (kW) at 400 V	4	7,5	15	22	30	37	45	55	75	90
Size	A1		A2		A3			A4		
Width (mm)	120		129		129			172		
Height (mm)	232		275		380			380		
Depth (mm)	105		105		185			195		
Weight (kg)	2.6		2.7		9.5			12.1		
Protection Class	IP 20		IP 00							
Power Connections	terminals 16 mm ²			bus bars 4 mm x 20 mm						
Control Connections	switching contacts, terminals 1.5 mm ²									
Voltage Supply	3 x 380 ... 440 V 50/60 Hz ± 4 %, special voltage on request									
Current Limit	100 ... 400 % of rated motor current									
max. Starts/h	4 starts/h at maximum load; up to 60 starts/h at reduced load									
Acceleration Time	2 ... 30 s									
Deceleration Time	2 ... 30 s									
Initial Voltage	10 ... 50 % of supply voltage									
Functions	soft start/stop, current limitation, built-in motor protection, start/stop via potential-free contacts									
Protective Functions LED Indication	electronic overload tripping, phase loss detection, overtemperature, thyristor protection, supply voltage, ramp-up/down, operation									
Relay Output	2 relays: fault indication, end of acceleration (1S 8A, 250V AC)									
Ambient Air Temperature Range	-10 ... +40 °C									
Calorific Loss	= 0.5 · rated current [Watt]					(bypass built-in)				
Conformity	CE (UL, cUL, etc. on request)									



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