

## Product data sheet

## HASBS4T1600G

### Characteristics

Soft starter for asynchronous motor, HASBS, 160kW, 3PH, 400V



#### Main

Range of product	HASBS
Product or component type	Soft starter
Product destination	Asynchronous motors
Product specific application	Fan, pump, compressor, conveyor Complex and advanced machines
Network number of phases	3 phases
Motor power kW	160 kW, 3 phases at 380...440 V
Motor power hp	200 hp, 3 phases at 380...440 V
IcL starter rating	300 A
Utilisation category	AC-53B
Type of start	Start with voltage ramp

#### Complementary

Assembly style	Enclosed
Function available	Without integrated bypass
[Us] rated supply voltage	380...440 V AC 50...60 Hz
Output voltage	
Starting time	Adjustable from 2 to 100 s / 12
Deceleration time symb	Adjustable from 1 to 50 s
Discrete input type	Internal (RET) reset Internal (EMS) emergency stop Internal (STOP) stop Internal (RUN) run
Discrete output current	5 A AC
Analogue output type	Current: 0...20 mA
Marking	CE
Type of cooling	AN (air natural)
Communication port protocol	Modbus
Height	280 mm
Width	534 mm
Depth	255 mm
Net weight	21 kg

#### Environment

IP degree of protection	IP00
Vibration resistance	5.9 m/s <sup>2</sup>
Relative humidity	0...90 % without condensation or dripping water

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Ambient air temperature for operation	-10...40 °C
Ambient air temperature for storage	-25...65 °C
Operating altitude	> 1000 m with current derating

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**Contractual warranty**

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Warranty	24 months
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