

Technical specifications (continued)**Recommended special versions:**

- Motor protection by PTC thermistor with 3 embedded temperature sensors for tripping – 15th position of Article No. **"B"**
- Installation of Pt100 resistance thermometers for winding temperature monitoring – 16th position of Article No. **"H"**
- Specially for motor series 1LA8, 1PQ8 and 1LL8: Installation of 2 Pt100 screw-in resistance thermometers in basic circuit for roller bearings – order code **A72**
- Anti-condensation heating for 230 V – order code **Q02**
- Anti-condensation heating for 115 V – order code **Q03**
- IP56 degree of protection for protection against harmful dust deposits, protection against water jets from any direction – order code **H22**

- IP65 degree of protection for complete protection against dust deposits, protection against water jets from any direction – order code **H20**
Not possible for 1LA8, 1PQ8 and 1LL8 non-standard motors
- Special bearing for drive-end (DE) and non-drive-end (NDE), bearing size 63 – order code **L25**, for non-standard motors on request
- Metal external fan for self-ventilated motors – order code **F76** (standard with order code **E31**)

Additional notes**Order information**

The fees levied by the classification societies for individual acceptance testing are included in order code **E09** or **B10** for motor types 1LE1, 1MB1, 1PC1 and 1PC3.

When ordering, add the supplement **-Z** to the Article No. and state details in plain text if required.

For information about other special versions, refer to the appropriate sections under "SIMOTICS GP/SD 1LE1/1PC1 standard motors" and "SIMOTICS XP 1MB1 explosion-proof motors".

In addition to this, for marine motors, the following special versions are the "Standard version" and therefore included in the order codes for the basic marine version.

Standard version:

Designation	Order code
Acceptance test certificate 3.1 in accordance with EN 10204	B02
Note: The delivery time for the factory test certificate may differ from the delivery time for the motor.	
External grounding terminal	H04

Ordering example

Selection criteria	Requirement	Structure of the Article No.
Motor type	SIMOTICS SD Basic Line, efficiency class IE3 Premium Efficiency, degree of protection IP55, type of construction IM B3, without winding protection, terminal box at top	1LE1503
No. of poles, speed, rated output	4-pole, 1500 rpm, 55 kW	1LE1503-2CB2
Voltage, frequency	400 VΔ/690 VY, 50 Hz	1LE1503-2CB23-4
Type of construction	IM B3	1LE1503-2CB23-4A
Motor protection	3 PTC thermistors for tripping	1LE1503-2CB23-4AB
Terminal box position	Terminal box right	1LE1503-2CB23-4AB5
Paint finish	Finish in "Brilliant blue" RAL 5007	1LE1503-2CB23-4AB5-Z Y53 Plain text: RAL5007
Marine version	Drive for "essential services" with type test certificate according to Germanischer Lloyd with coolant temperature CT 45 °C	1LE1503-2CB23-4AB5-Z Y53+E11 Plain text: RAL5007
	Individual acceptance (by marine classification society)	1LE1503-2CB23-4AB5-Z Y53+E11+B10 Plain text: RAL5007
Motor order		
	Type test with temperature-rise run for horizontal motors, with acceptance	1LE1503-2CB23-4AB5-Z Y53+E11+B10+B83 Plain text: RAL5007

The ordering example is valid for an order quantity of 1 item. For larger order quantities, a type test with heat run (order code **B83**) only has to be ordered for one motor. It is not necessary to specify order code **B83** for any further identical motors (in the same order). The order must be divided into two order items; see "Example for 5 identical motors".

Example for 5 identical motors

Order item	Quantity (items)	Article No.
1	1	1LE1503-2CB23-4AB5-Z Z=Y53+E11+B10+B83 Plain text: RAL 5007
2	4	1LE1503-2CB23-4AB5-Z Z=Y53+E11+B10 Plain text: RAL 5007