

Integrated three phase synchronous drives HLI 2660



Brushless three-phase synchronous drives with concentrated winding technology and integrated electronics operating at 24VDC.

The compact and powerful design of this drives is suited for peripheral application in single and multiple axle systems. Due to the evaluation of the rotor angle via a resolver, the HLI becomes a real and dynamic servo system. The sinusoidal current feed assures constant and equal torque producing and ensures good control properties. The HLI's are operated either by analogue / digital signals or via the CAN-open interface providing profile position, profile velocity and profile torque mode. The profile position mode support absolute and relative demands, homing is done onto the limit switches or against a mechanical stop.

Different circular plug-in connectors are used to install power supply, analogue and digital signal and the field-bus interface. The configuration is done via RS232 and a clear and simple to use PC- software "DSerV".

Technical properties:

	HLI 2660
input voltage	24 V_{DC}
rated input current	12,5 A_{DC}
nominal- / maximum speed	3000 rpm / 4000 rpm
rated- / peak torque	0,7 Nm / 1,25 Nm
rated power	220 W
dimensions	flange 60 x 60mm 142 x 60 x 102 (lxwxh)

Peripheral operation, minimized installation needs
CAN-open or standalone operation
Compact and powerful design
Dynamic speed- and position control
Available with planetary gear (optional with low backlash)
Available with parking brake
Protection class IP54 (IP65 as an option)
Customer specific design