



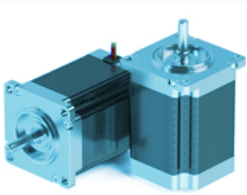
# Sensata

Technologies

## SENSATA SENSING AND SWITCHING SOLUTIONS FOR MOTORS AND DRIVES

Engineers keep pushing the limits of motor design — making them ever more compact, connected, energy-efficient and safe. Sensata can provide the right sensing devices and technologies to keep your products ahead of the curve. We offer a wide range of products for many motor sizes and types working in various applications, even in hazardous environments.

### PRODUCTS FITTING WITH MANY TYPES OF MOTORS



DC BRUSHLESS



AC MOTORS



DC MOTORS



GEARLESS TRACTION MOTORS



EX. PROOF MOTORS

### APPLICATION OVERVIEW



Elevator Systems



Factory Automation



Cranes and Hoisting



Wind Turbines



Solar Trackers



Oil & Gas

## PRODUCT OVERVIEW

### INDUSTRIAL ENCODERS



#### GHT5

- 58mm through-shaft optical encoder featuring high resolution and IP65 protection



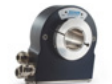
#### HS35

- 3,5 inch. through hollow shaft encoder with resolution up to 80000 ppr. Available in single or dual output



#### CHM5

- 58mm High Performance single turn absolute up to 15 bits. Options for IP67 and 100° C operation + Bus Outputs



#### PHU9

- 90mm compact through-shaft rotary encoder available with a variety of interface capabilities (CANopen, Profibus, and more)

### HAZARDOUS ENVIRONMENT HEAVY-DUTY ENCODERS



#### PHM5

- 58 mm Absolute multiturn encoder, protection against short circuit, inversion of polarity, wrong wiring protection



#### GHK9

- 90mm incremental encoder with an enhanced electronic and a salt mist resistant housing.



#### LP Series

- 90 mm encoder with a low profile design; built to withstand extreme temperatures, shock and vibration, and wet and dirty environments



### MOTOR PROTECTORS

#### 15AM

- The 15AM motor protector is designed to provide locked rotor and overload protection in a wide variety of motors for industrial and domestic appliances.

#### HM Series

- HM series are for HVAC Compressor Controls. 3HM, 14HM, 15HM, 16HM, 18HM are single phase hermetic motor protectors. 31HM, 32HM, 33HM, 34HM, 35HM, 37HM are 3-phase hermetic motor protectors.

#### Phenolic Series

- Equipped with a bimetallic snap acting disc, on which the contacts are mounted, and through which the current flows.



### HYDRO-MAGNETIC CIRCUIT BREAKERS

#### AP/UP, AP/MIL Series

- The Airpax AP series are fully sealed, magnetic circuit protectors that combine power switching and accurate, reliable circuit protection with inverse time delays and trip free features.



### DIN RAIL MOUNT

#### Solicon DRC Series

- IEC style solid state contactor. Motor ratings of up to 5HP @ 600 VAC. Built-in overvoltage protection.

#### DRMS Series

- Intelligent Hybrid Starter motors ideal for controlling 3 phase asynchronous motors



Sensata Technologies is one of the world's leading suppliers of sensing, electrical protection, control and power management solutions with operations and business centers in twelve countries. Sensata's products improve safety, efficiency and comfort for millions of people every day in automotive, appliance, aircraft, industrial, military, heavy vehicle, heating, air-conditioning and ventilation, data, telecommunications, recreational vehicle and marine applications.

For more information, please visit Sensata's website.