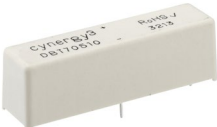


SENSATA RELAYS AND CONTACTORS - PRODUCT COMPARISON

Sensata offers a wide variety of switching solutions under its product brands, each of which is best suited for different end applications.

Whether the key factor is switching speed, voltage isolation, or long-life expectancy, understanding the correct switching solution for each situation requires a detailed knowledge of the application.

While each product family has different current ranges, contact types, and other features, this comparison chart of Sensata's core switching product categories can help provide a high-level comparison.

	Solid State Relays	Reed Relays	High Voltage Relays	Contactors
				
Sensata Brand	Crydom	Cynergy3	Gigavac	Gigavac
Technology	Solid state	Reed switch	Electromechanical	Electromechanical
Output type	AC, DC	AC, DC	AC, DC	DC
AC Output Voltage range	Up to 690 VAC	Up to 15,000V (15KV)	Up to 70,000V (70KV)	N/A
AC Output Current Range	Up to 150 Amps	Up to 20 Amps	Up to 150 Amps	N/A
DC Output Voltage range	Up to 1000 VDC	Up to 15,000V (15KV)	Up to 70,000V (70KV)	Up to 1500 VDC
DC Output Current Range	Up to 160 Amps	Up to 20 Amps	Up to 150 Amps	Up to 1000 Amps
Voltage coils	5VDC, 12VDC, 24VDC, 24VAC, 115VAC, 230VAC	5VDC, 12VDC, 24VDC, 24VAC	115VDC, 12VDC, 26.5VDC	12VDC, 24VDC, 48VDC
Contact type	SPST (NO, NC), DPST, 3-phase	SPST (NO, NC), SPDT Latching	SPST, SPDT, DPDT Latching	SPST (NO, NC)
Package	PCB, Panel mount, Din Rail, Plug-in	PCB (horizontal and vertical), Panel mount, Axial	Panel mount, Flange mount	Panel mount
Special Functions	Proportional controller, Soft starter, Reversing, Timer, Monitoring Module, Hybrid relay	Miniature, Fully Screened	Vacuum, Gas filled	Auto LV Disconnect, CAN/ J1939, Time Delay on Break, Overcurrent disconnect, Current sensing config.
Accessories	Heatsinks, Covers, Thermal pads, Sockets, Lug terminals, Filters	N/A	Coils	Deutsch connectors
Certifications	CE, UL, CSA, cURus, TUV, VDE, IEC, ATEX, ISO, ROHS, REACH	UL, REACH, ROHS	ISO, ROHS, REACH	UL, CE
Application Segment	Food equipment, Plastic machinery, Conveyors, Renewable, Power supplies, Medical, Lighting	Medical, Semiconductor, Military, Renewable, Security screening	Medical, Semiconductor, Industrial	Energy storage systems, energy distribution, power generation/renewable energy, industrial electrical vehicles
Why use it?	Fast switching, quiet operation, magnetic noise immunity, shock and vibration resistant, not position sensitive, install in any direction	Fast switching, long life, sealed contacts, physical isolation, low and stable contact resistance	Package size, sealed contacts, physical isolation, high power	High quality, high reliability High power in a small package Gas-filled, superior arc suppression Not position sensitive, install in any direction