

Specifications

Response time	20ms
Operating temperature	0 °C to +50 °C
Enclosure rating	IP40 for Control Unit, IP 66 for Magnet and Armature
Enclosure	88mm DIN rail mounting(H x W x D) 90 x 88 x 58mm
Status indicators	Status & Diagnostic LEDs Power Red LED on = Power on M1CL Green LED on = Magnet 1 closed R Red LED on = Gate closed R Red LED on (flashing) = Gate open W Yellow LED on = Run down period E Green LED (steady) on = Gate closed E Green LED (flashing) on = Gate open Key (A&B) Green LED on = Input on OSDA Green LED on = OSDA on OSDB Green LED on = OSDB on M2CL Green LED on = Magnet 2 closed EDM Green LED on = EDM on ESTOP Green LED on = Input on
Status indication	
Power supply requirement	22 - 26V DC Ripple <10% (diode protected)
Current consumption	120mA + 250mA per magnet
Classification	EN ISO 13849-1 PL e, BS EN 61508 SIL 3, BS EN 954-1 Category 4
Warranty	1 Year
E-Stop	Use voltage free switch contacts (N/C)
External Device Monitoring(EDM)	Use voltage free switch contacts (N/C)
Run/Enter (Selector switch)	
Monitored magnets	2
Safety outputs	2 x N/O safety relay outputs rated at 110V AC, 1A
Enter	Open collector - NPN transistor output to 0V DC
Wait	Open collector - NPN transistor output to 0V DC
Run	Open collector - NPN transistor output to 0V DC
Output display drivers, 1 per magnet/channel	Electronic outputs. Magnet open = 10mA, 24V DC Magnet closed = 100mA, 0V DC
Product Conformity	The Magsafe system has passed Type Examination from European Notified Body, SAFENET to the Machinery Directive. Certification provides users with an assurance that the Magsafe system meets all relevant legislative safety requirements.
	Together with our ISO 9001:2008 certification full confidence can be placed in the quality, reliability and above all the safety of Smartsan equipment.