



6mm dot N-pole and S-pole data are magnetized on a Barium-Ferrite card. Polarity distinguishable switches are built-in EK series corresponding to each dot on the card. Each switch generates signal ON for N-pole dot and OFF for S-pole dot. The non-contact reading method realizes high durability to harsh environments. The magnetized data on the Barium-Ferrite card are more durable than a normal magnetic stripe card.

#### SPECIFICATIONS :

Data capacity	6 bits, 12 bits or 18 bits
Mating Card	Barium-Ferrite Magnet Card MC-300V,MC-300P,MC-300G,MC-200V etc.
Supply voltage	+12 VDC $\pm 10\%$ , ripple (p-p) 1% max. or +24 VDC $\pm 10\%$ , ripple (p-p) 1% max.
Output	NPN Transistor Open Collector Normally open  Applicable voltage 30V max. Sink current 100mA max.
Data Contents	ON at N-pole data dot OFF at S-pole data dot
Operation Temperature	-10°C to +50°C (Non-freezing)
Operation Humidity	35 to 90%RH (Non-condensing)

Card Verifier : A half sized pre-coded 'SET CARD' is installed inside the Card Verifier. When a code of inserted 'KEY CARD' is same as that of the internal 'SET CARD', a verify signal to operate an electric lock is coming out.