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- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

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**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)

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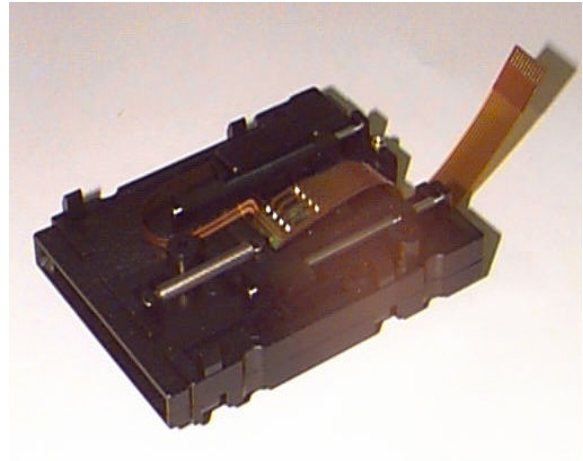
|                            |                  |
|----------------------------|------------------|
| <b>Smart Card Acceptor</b> | <b>3S4YR-SCR</b> |
|----------------------------|------------------|

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### **Economical, Manual Insert IC Card Reader**

- Slim profile for compact design.
- ISO 7816 chip location.
- Housing compatible with Omron's SBR type for easy conversion to magnetic cards.
- PCB mounted.
- Wide operating temperature range.
- TTL interface.
- Optional RS232 interface for memory smart cards.
- Contact life 500,000 card insertions.
- Landing contact acceptor.



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## **Ordering Information**

| <b>Type</b>          | <b>Part Number</b> |
|----------------------|--------------------|
| <b>6-pin contact</b> | 3S4YR-SCR0J-001    |
| <b>8-pin contact</b> | 3S4YR-SCR0J-002    |

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# Specifications

| Part number                     | 3S4YR-SCR   |
|---------------------------------|---|
| Recommended card type           | IC card : ISO 7816  |
| Contact Resistance              | 500 mΩ max. between contact springs; 1 Ω max. between two FPC terminal tips |
| Card Inserting Force            | 1 Kg max.   |
| Card Extracting Force           | Approx. 100g to 500g  |
| Card Feeding Speed              | 100 cm/sec max.   |
| Service Life                    | 100,00 passes min.  |
| Load Voltage                    | Card Set Switch: 30 VDC max.  |
| Current carrying capacity       | Card Set Switch: 1 mA to 10 mA  |
| Mounting location               | Indoors   |
| Ambient Temperature (Operation) | -25°C to 75°C (-13° to 167° F) without condensation                         |
| Ambient Temperature (Storage)   | -40°C to 85°C (-70° to 185° F)  |
| Ambient Humidity (Operation)    | 10% to 95% RH without condensation  |
| Ambient Humidity (Storage)      | 10% to 95% RH   |
| Vibration                       | 30 to 200 Hz (3 g) for 25 minutes in each of X, Y and Z directions          |
| Shock                           | 400 m/sec <sup>2</sup> (40 G) in each of X, Y and Z directions.             |
| Dimensions                      | 78 L x 60 W x 13.5 H mm   |
| Weight                          | Approx 40 kg (1.42 oz.)   |

# Application Examples

- ID Control.
- Access control.
- Time and attendance control.
- Telecommunications.
- Vending Machines.
- Data capturing.
- Prepaid systems.
- EFTPoS and Electronic Purse Systems.



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