

# Microcoin<sup>®</sup>

# SP 115

[www.microcoin.com](http://www.microcoin.com)

115mm face plate.

Ultra-compact.

Stylish and appealing design.

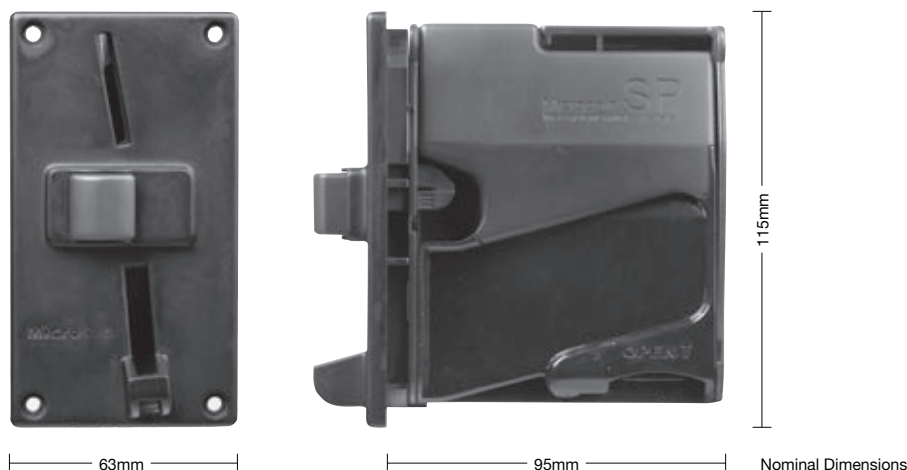
Unique "Parallel Path" debris release.

Conforms to industry standards.



# Microcoin®

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## Microcoin

Microcoin represents a range of highly innovative and successful coin acceptors which has provided coin handling solutions to the coin-op industry for over ten years.

With a strong focus on research and development, Microcoin continues to set new standards for the coin validation industry, delivering market specific, innovative solutions which:

- optimise coin acceptance whilst minimising fraud,
- meet required industry standards,
- offer client support & diagnostics software packages

## Microcoin SP

The Microcoin SP is a stylish, space saving coin acceptor, delivering a tailored solution for short profile, front entry applications, where space and cost savings demand minimisation.

In true Microcoin tradition, the SP is unique in its approach to design, technology and operation but does not compromise on function and performance.

Therefore, the SP validator employs complex digital technology to provide, arguably, the most unique and powerful coin validation system available, whilst offering all the "standard" features.

At the same time, it has a radically stylish and appealing design, which houses several patented features such as its unique "Parallel Path" Debris Release system.

At 155mm and 115mm in height respectively, the SP can be fitted to two traditionally dimensioned faceplates, which boast unique reject actions and secure fastening techniques.

The Microcoin SP is a global product, with the ability to work with international currencies and any application which requires its unique features, such as kiddie rides, redemption machines, bar top units.

## Support

Backed by dedicated teams of research and development engineers, sales professionals and support staff, the Microcoin product is our commitment to a vision of product excellence and customer satisfaction.

## The Company

Astrosys International Ltd specialises in the design, manufacture and distribution of the Microcoin coin validator and GBA bank note reader. It supports its products with ISO9001 certified manufacturing plants and an international network of offices and market representation in Australia, Hong Kong, the United Kingdom, the USA.

[www.microcoin.com](http://www.microcoin.com)

 **Astrosys International Ltd**  
Worldwide Brands:

### GBA

[www.globalbillacceptors.com](http://www.globalbillacceptors.com)

### Microcoin

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Authorised Distributor



### GENERAL DETAILS

#### DC Power Supply :

12-24 Vdc regulated

Range: + 11.5 to + 24 VDC

Quiescent current: 100 mA @ 12.0 Vdc

Peak current: 500 mA @ 12.0 Vdc

OR

#### AC Power Supply:

12-24 Vac Nominal

Range: 12-32 Vac

#### Coin Output:

The Coin credit pulse(s) can be assigned to any output line. Typically lines 1 to 5

Pulse width & duty cycle are programmable. Tolerance + 2mSec, - 2mSec

Logic Open Collector NPN, 200 mA

#### Enable/Inhibit Input:

The following SP Inhibit logic states and voltage limits can be set under software.

##### Default State

Inhibit  $2.0\text{V} < V_{\text{inh}} < V_{\text{in Supply}}$

Enable  $V_{\text{inh}} < 0.8\text{V}$  or not connected

#### Credit Output :

The Credit, (or Accumulator output) can be assigned to any output line. Typically line 6

Logic Open Collector, NPN 200mA

#### Alarm Output :

The Alarm output can be assigned to any output line. Typically line 7

Logic Open Collector NPN, 200mA

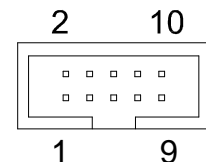
#### Sorter Output :

The Sorter output can be assigned to any output line. Typically lines 8,9&10 on the Utility Port

Logic Open Collector NPN, 200mA

### 10 WAY IDC PARALLEL PORT DESCRIPTION

Pin No.	Industry Standard	SP Standard with Credit
1	0Vdc (Neutral-ac)	0Vdc (Neutral-ac)
2	+Vdc (Active-ac)	+Vdc (Active-ac)
3	Coin 5 Output	Coin 5 Output
4	Coin 6 Output	Credit Output (or Coin Output 6)
5	Alarm	Alarm (or Coin Output 7)
6	Inhibit	Inhibit
7	Coin 1 Output	Coin 1 Output
8	Coin 2 Output	Coin 2 Output
9	Coin 3 Output	Coin 3 Output
10	Coin 4 Output	Coin 4 Output



Connector to suit:  
10 Pin 0.1" IDC

### 6 PIN JST UTILITY PORT DESCRIPTION

Pin No.	SP Standard with Sorter
1	Vin Refer Model Description
2	Not Used
3	Sort Output 1 (or Output Line 8)
4	Sort Output 2 (or Output Line 9)
5	Gnd.
6	Sort Output 3 (or Output Line 10)



Connector to suit:  
JST – XH-6