

**Dry contact server extension unit (US-4 or US-8)**

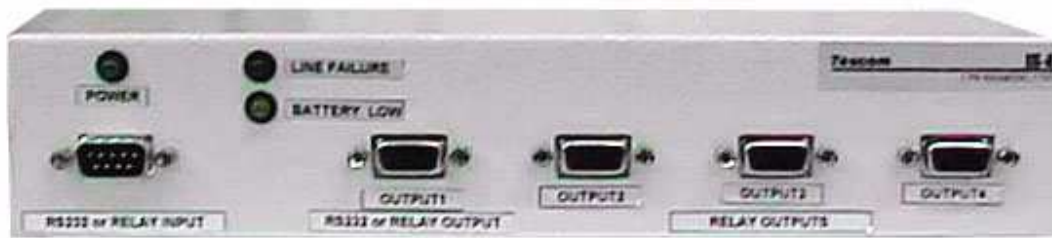
## General

This unit extends UPS dry contact outputs to 4 or 8 dry contact outputs for multiserver shutdown. All outputs are isolated from each other. RS232 data and dry contact information passes to US-X unit from UPS. Inside of the unit RS232 data and dry contact data separates in two ways. Output 1 contains RS232+DRY contact data and output 2,3,4 contains only dry contact data.

Dry contact alarm outputs are configured for mains failure and battery low alarm.

Output connectors and functions of US-4 unit

output	function
OUTPUT1	RS232 and dry contact (UPS monitoring port)
OUTPUT2	Only dry contact
OUTPUT3	Only dry contact
OUTPUT4	Only dry contact



US-4 is arranged for 4 server shutdown and US-8 is arranged for 8 server shutdown

The pin configuration of OUTPUT ports are same with UPS and according to OUTPUT ports the following connection cables must be used:

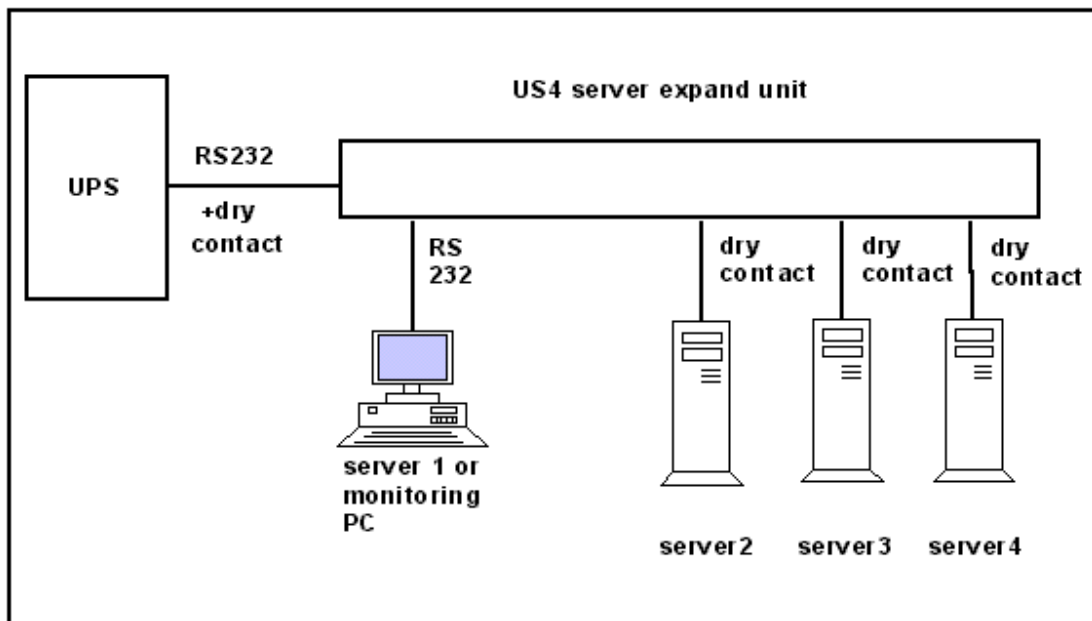
For US4

Output	Where to connect	Cable code
RS232 or RELAY INPUT	UPS	CC05
OUTPUT1	PC1 (RS232)	CC05
OUTPUT2	PC2 (dry contact)	CC09
OUTPUT3	PC3 (dry contact)	CC09
OUTPUT4	PC4 (dry contact)	CC09

For US8

Output	Where to connect	Cable code
RS232 or RELAY INPUT	UPS	CC05
OUTPUT1	PC1 (RS232)	CC05
OUTPUT2	PC2 (dry contact)	CC09
OUTPUT3	PC3 (dry contact)	CC09
OUTPUT4	PC4 (dry contact)	CC09
OUTPUT5	PC5 (dry contact)	CC05
OUTPUT6	PC6 (dry contact)	CC09
OUTPUT7	PC7 (dry contact)	CC09
OUTPUT8	PC8 (dry contact)	CC09

The usage of US-4 unit is showed at the following picture.



**NOTE:** The power of US-X unit must be supplied from UPS output voltage