



# ems3000 door switch assembly & magnet

## Data Sheet

### PART NUMBER

DSA-220050

DSA-220120

DSA-220250

### TITLE

Door Switch, RAST Connector, Double Insulation, 0.5 Mtr, Black

Door Switch, RAST Connector, Double Insulation 1.2 Mtr, Black

Door Switch, RAST Connector, Double Insulation 2.5 Mtr, Black

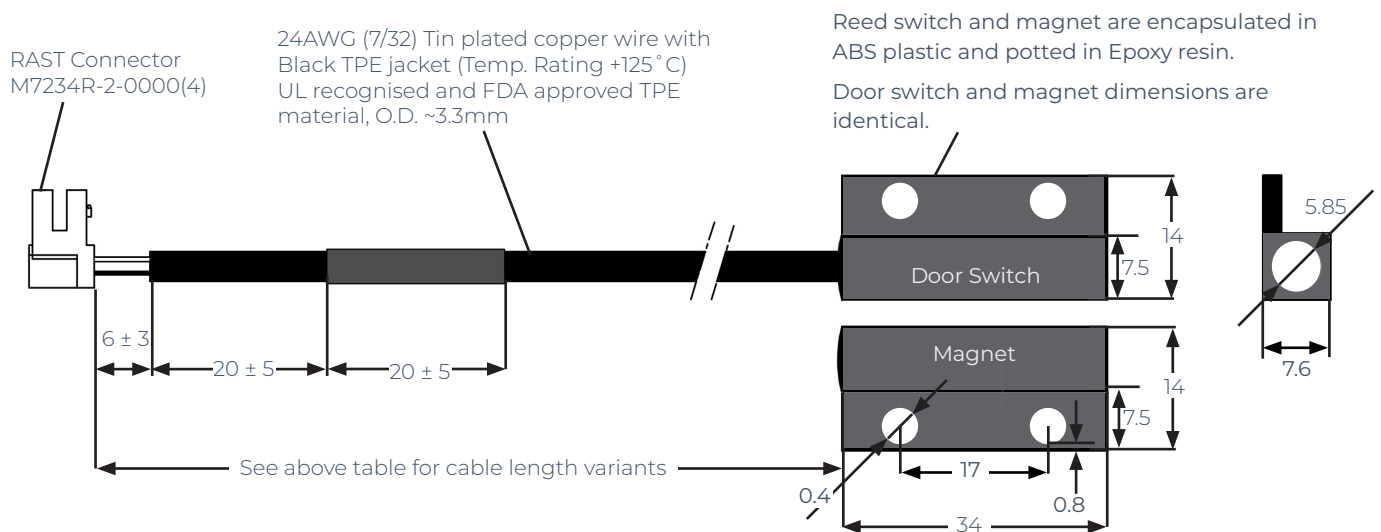
### PRODUCT DESCRIPTION

Door switch assembly terminated with an unpolarized RAST connector M7234R-2-0000(4) for direct connection to the ems3000 series controller's door switch input.

This door switch assembly must be used with corresponding magnet in order for the door switch to function correctly.

The door switch assembly is to be fitted using screws (not included). Rivets must not be used and will invalidate the warranty.

### DRAWING - MECHANICAL DETAILS



### SPECIFICATION

PARAMETER	VALUE
Sensing Element	Reed Switch
No-load resistance at 25°C	100mΩ max
Operating temperature	-40°C to 125°C
Protection	IP 68
Type of Insulations	Double
RoHS Compliant	Yes

### MATERIAL

AWG24 (7/32) Tin plated copper wire with black TPE jacket (temp rating +125 °C).

Reed switch and magnet are encapsulated in ABS plastic and potted in Epoxy resin.

Heat shrink tube 3.5 rated V-0/VW-1 (if applicable)