

UHV Limit Switches: 363-SWITCH-1 and 363-SWITCH-3

Allectra has developed new limit switches for UHV use. Based on a PEEK body, this switch is bakeable to 200°C. Designed as a limit switch, it is normally closed. The connection is made via two male Crimp Pins of 1mm, of the same type as they are used for the Sub-D connectors.

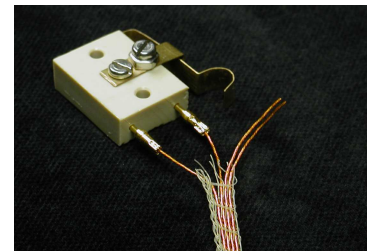
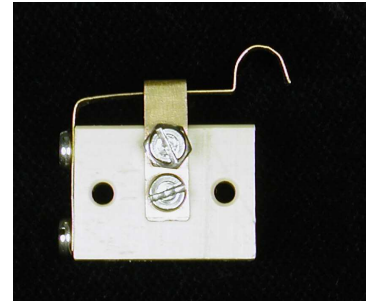
The switches have an open design, contacts are not covered. So it must not be used for voltages above 32V for safety reasons.

Two mounting holes together with the flat back side allow easy installation. Two sizes are available, 363-SWITCH-1 and -SWITCH-2.

| | 363-SWITCH-1 | 363-SWITCH-3 |
|----------------------------|-------------------------|--------------------------|
| Dim. Max | 25x18x8 mm ³ | 26x24x11 mm ³ |
| Distance of mounting holes | 10 mm | 10 mm |
| Way to open | ~1 mm | ~1 mm |
| Repeatability | Typ. 10 μm | Typ. 10 μm |

Electrical data (both types):

| | |
|---------------------------------|--------------------|
| Switch | normally closed |
| Contacts | two pin connection |
| Max Voltage for safety reasons: | Gold plated |
| Resistivity closed | 32V |
| Resistivity open | <100 mOhm |
| | > 100 MOhm |



363-Switch-3 shown with cable connection (here the 4-way Ribbon Cable)

