

# ACS800 & ACS550 MOV STATS

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## **Description:**

This document lists the MOV statistics for the ACS800 & ACS550.

## **MOV Statistic:**

Below are the MOV statistics for the ACS800 drive.

| <i>Drive</i>                   | <i>ACS800</i>      |
|--------------------------------|--------------------|
| Configuration                  | Wye, Com Pt to Gnd |
| Part Number, Phase             | SIOV-S20K300E3     |
| Part Number, Ground            | SIOV-S20K510E2     |
| Voltage Rating, Phase (Vrms)   | 300                |
| Voltage Rating, Ground (Vrms)  | 510                |
| Energy Rating, Phase (J)       | 290                |
| Energy Rating, Ground (J)      | 325                |
| Power Rating, Phase (W)        | 1.0                |
| Power Rating, Ground (W)       | 1.0                |
| 1 mA Voltage, Phase (Vpk)      | 470                |
| 1 mA Voltage, Ground (Vpk)     | 820                |
| Clamping Voltage, Phase (Vpk)  | 775                |
| Clamping Voltage, Ground (Vpk) | 1355               |
| Clamping Current, Phase (Apk)  | 100                |
| Clamping Current, Ground (Apk) | 100                |
| 1 mA, Phase to Phase (V)       | 940                |
| 1 mA, Phase to Ground (V)      | 1290               |
| Clamping, Phase to Phase (V)   | 1550               |
| Clamping, Phase to Ground (V)  | 2130               |

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| Industrial   |  | Revision: A                |
| Product Categories: ACS550, ACS800                 |  |                            |

Below are the MOV statistics for the ACS550 drive.

| <i>Drive</i>                   | <i>ACS550</i>      |
|--------------------------------|--------------------|
| Configuration                  | Wye, Com Pt to Gnd |
| Part Number, Phase             | SIOV-S14K300E2     |
| Part Number, Ground            | SIOV-S14K385E2     |
| Voltage Rating, Phase (Vrms)   | 300                |
| Voltage Rating, Ground (Vrms)  | 385                |
| Energy Rating, Phase (J)       | 125                |
| Energy Rating, Ground (J)      | 136                |
| Power Rating, Phase (W)        | 0.6                |
| Power Rating, Ground (W)       | 0.6                |
| 1 mA Voltage, Phase (Vpk)      | 470                |
| 1 mA Voltage, Ground (Vpk)     | 620                |
| Clamping Voltage, Phase (Vpk)  | 775                |
| Clamping Voltage, Ground (Vpk) | 1025               |
| Clamping Current, Phase (Apk)  | 50                 |
| Clamping Current, Ground (Apk) | 50                 |
| 1 mA, Phase to Phase (V)       | 940                |
| 1 mA, Phase to Ground (V)      | 1090               |
| Clamping, Phase to Phase (V)   | 1550               |
| Clamping, Phase to Ground (V)  | 1800               |

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