

RELEASE NOTE

# ABB launches OVR Data Line SPDs

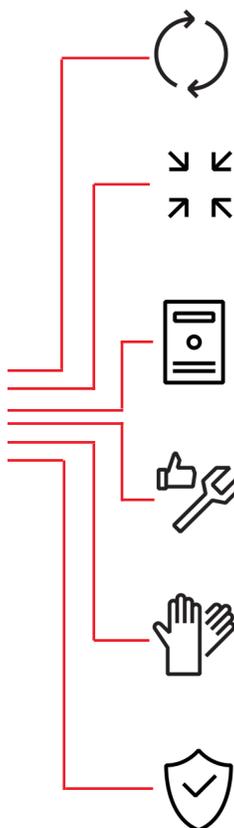
## A powerful shield to protect your applications



The new OVR data/signal surge protective device series provides repeatable data and signal protection. OVR series reliably shield sensitive electronic equipment against transient surges caused by lightning, load switching, and more, helping reduce unplanned downtime and minimize maintenance or equipment replacement costs.

— 01 OVR Q series

— 02 OVR SL series



### Extended Lifetime

Low let-through voltage and full mode protection design extends equipment lifetime.

### Space Optimization

OVR SL Slim (7mm w) and OVR Q Compact series units permit the installation of multiple lines in tight spaces.

### Easy diagnostics

An optional LED light on the OVR SL series indicates performance or fault when installed in low current DC power applications.

### Simple Installation

Built-in DIN rail foot for simple mounting, saving time and labor cost.

### Easy Maintenance

A multi-stage protection module with a quick-release mechanism allows easy line commissioning and removal in the field.

### Durable Protection

Strong, flame retardant ABB housing provides enhanced protection of sensitive equipment.

### Technical specifications

- **OVRSL S485UL and OVR RS485QUL series**
  - Nominal voltage (1) 15V
  - Bandwidth (-3 dB 50  $\Omega$  system) 45 MHz
  - Temperature range -40 to +80 °C
  - Surge Current Rating (8/20  $\mu$ s) 20kA per pair
- **OVR Q Compact Series**
  - Nominal voltage (1) 30V
  - Temperature range -40 to +80 °C
  - Surge Current Rating (8/20  $\mu$ s) 20kA per pair
- **OVR SL Slim Series**
  - Nominal voltage(1) 6 V/ 30 V/ 180 V
  - Bandwidth (-3 dB 50  $\Omega$  system) 45 MHz – (6V)
  - Temperature range -40 to +80 °C
  - Surge Current Rating (8/20  $\mu$ s) 20kA per pair

### Applications

- Telecom systems
- 4-20 mA loop with HART
- Profibus, Modbus, Fieldbus

### Segments and channels

- Commercial
- Industrial

### Industries

- Wastewater treatment
- Food and beverage plants
- Pharmaceuticals plants
- Amusement park rides
- Wastewater treatment
- City water wells
- Security systems

### Target market

- OEMs – Control panel builders
- Distributors

### Certifications and standards

- UL 497B 4th Edition (UL File: QVGO:E240341)
- NEC® 2020 Article 645
- REACH
- RoHS

### Availability

- Order now via ABB empower flow

### Related documents

- OVR RS485Q & SL RS485 series datasheet
- OVR Q Compact Series datasheet
- OVR SL Slim series datasheet
- OVR SL series SPD installation instructions
- OVR Q series SPD installation instructions
- Surge Protective Devices UL US Catalog
- BuyLog

### Contacts

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- ABB regional sales managers
- Kimberly Fairley, US Product Marketing Manager
- Frank Basciano, Global Product Manager