



## PRODUCT SHEET

## OneU® ED EXTINGUISHING SYSTEM

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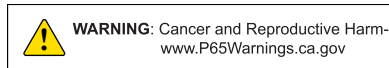
### 1. GENERAL INFORMATION

The OneU® ED extinguishing system is intended for installation in closed switch cabinet systems. It is required to be used with a superordinate system such as OneU or OneU DD and is capable of extinguishing fires using the Novec 1230™ clean agent which leaves no residue. Two fire detectors are used to detect fires. Alarms and fault conditions can be transmitted to a control system via dry contacts or via the Monitoring Systems CMC III (a Rittal product).

Features:

- Compact 1U design
- Smoke detection within unit
- Installation within existing cabinets and racks
- Expandable by networking with Maximum 4 other OneU® ED units
- Residue-free extinguishing agent Novec 1230™ (a 3M™ product)
- Low maintenance

### 2. APPROVALS/MARKINGS



### 3. TECHNICAL DATA

**Table 1: Specifications**

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Extinguishing agent/capacity	Novec 1230™ / 0.48 gallon (1.8 L)
Rated Voltage	24 VDC
Operating voltage	24 VDC -3/+5 V
Emergency power supply	~ 4 hours
IP Rating	IP 30
Ambient temperature with batteries	Operating: 50 to 95 °F (10 to 35 °C) Storage: -4 to 149 °F (-20 to 65 °C)
Humidity	Maximum 96%, no condensation
Ports	4 dry changeover contacts Pre-alarm, fire, extinguishing, group fault, for 30 VAC/DC 0.5A
Display features	exclusive via master device (OneU® or OneU® DD)
Fire detection	via master device
Actuating extinguishing system	via master device
Protected volume	Maximum 98 ft³ (2.78 m³)
Weight	~27.6 lbs (12.5 kg)
Enclosure dimensions	19", 1U, 26" (660 mm) deep

#### Part Numbers

OneU® ED extinguishing system: 916238

Aspiration tube system: 907061 (not included)

#### Subordinate accessories:

OneU® Active Extinguishing system: 916236 or

OneU® DD Aspirating Smoke Detection System: 916237

**NOTE: Door contact switches, part no. 889337, with retainers are to be provided by the customer. OneU® can perform fire detection monitoring for up to five server cabinets, but not selectively. One OneU® ED can only be operated together with a OneU® active extinguishing system or a OneU® DD, see manual.**

#### Application and Function

The OneU® ED is part of the OneU® fire protection family of devices and acts as an additional extinguishing system for expanding the extinguishing capacity by 98.0 ft³ (2.78 m³). Smoke detection is always performed by the master device.