



### Safety Unit

Approved by major international classification societies, the TA3840S Safety Unit consists of a 19-inch rack in which radar power supply boards are inserted. Each rack has eight available slots (one slot for two radars) and the maximum configuration is four racks (up to 64 radars). The radar level transmitters are directly configured via RS232 port of each radar power supply board.

# TA3840S - Technical Specifications

## Technical Data

<b>Intrinsically safe:</b>	IECEX, ATEX. II (1) G [Ex ia Ga] IIB or IIC
<b>I/O port:</b>	RS232 on front face of radar power. Supply board.
<b>Radar power supply board:</b>	Up to 8
<b>Radar transmitter connection:</b>	Up to 16.
<b>Terminal capacity:</b>	2.5 mm <sup>2</sup>
<b>Operating temperature:</b>	5 to + 70°C
<b>Power supply:</b>	115 or 230 Vac / 50-60 Hz
<b>Consumption:</b>	100 VA max. per rack

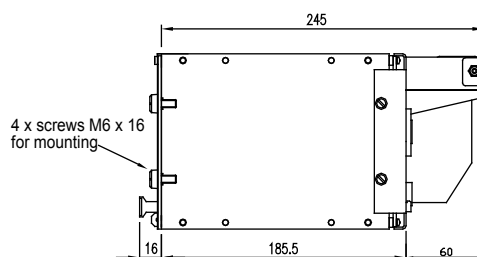
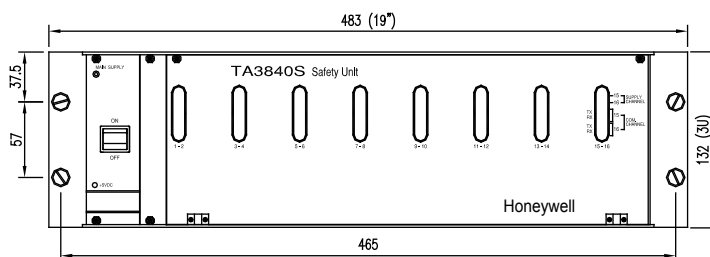
## Special Features

- Dedicated Protocol** for E M S
- Dimensions:** 19" 3U rack
- 2 x front led** for power supply indication.
- 2 x 2 front led** for communication (Rx,Tx) indication.

## Technical Documentation

<b>Installation manual:</b>	MI5008
<b>Technical manual:</b>	MT5008
<b>Maintenance manual:</b>	MM5008

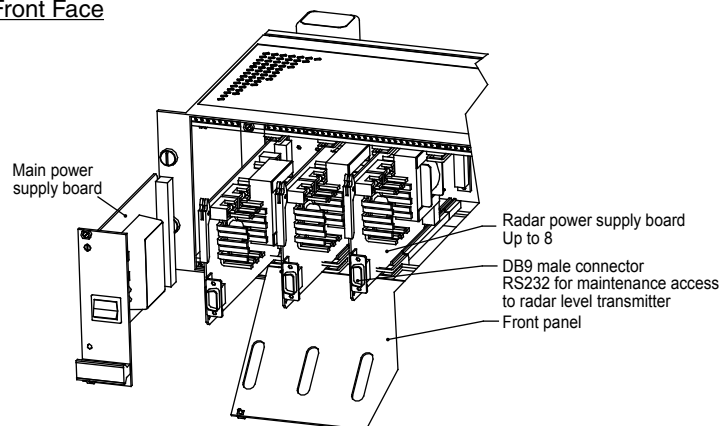
## Mechanical Fittings & Dimensions



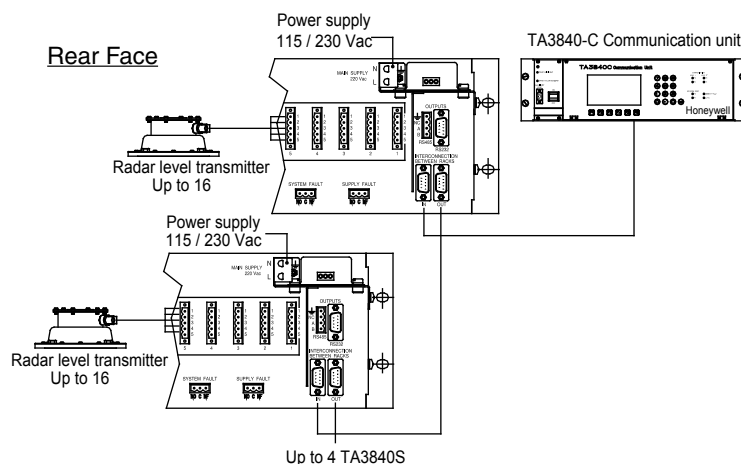
Weight: 7.5Kg

## Electrical Connection

### Front Face



### Rear Face



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