

# UPR Series 63 Amp Plugs and Sockets

## Increased Safety

**ATEX/IECEX:**  
**Zone 1 and 2 - 21 and 22**  
**Gas (G) and Dust (D)**

### Applications

- Plugs and sockets are used with stationary or portable electrically operated devices such as:
  - Welding devices
  - Lighting systems
  - Conveyors
  - Heaters
  - Motor generator sets
  - Air conditioners
  - Compressors
  - Pumps
- For use in corrosive atmospheres and installations in Zones 1, and 2 and 21 and 22 of oil and gas industry, such as
  - Refineries
  - Chemical and petrochemical plants
  - Pipelines
  - Onshore and offshore drilling platforms
  - LNG Trains
  - Gas Compressor Stations

### Features

- Positive polarization: only ATX plugs of same style, number of poles and ampere rating may be used with these sockets.
- Interlocked 3-pole or 4-pole Ex de disconnecting on-load switch, with auxiliary contact (max 2.5 mm<sup>2</sup> capacity).
- Plug is mechanically locked in socket when switch is ON.
- Switch operating handle can be padlocked in OFF position (max 4 padlocks).
- Plug cannot be inserted or removed unless switch is in OFF position.

### Standard Materials

- Socket: high impact resistance fiberglass reinforced polyester.
- Flap cover and plug: polyamide

### ATEX/IECEX Certifications and Compliances

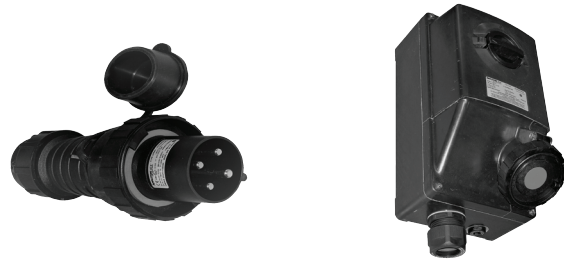
- Certification Type UPR63
  - Gas: Zones 1 and 2
    - Conforming to ATEX 2014/34/EU:  $\text{Ex II 2 G}$
    - Type of Protection: Ex db eb IIC Gb
    - Temperature class: T4
  - Dust: Zones 21 and 22
    - Conforming to ATEX 2014/34/EU:  $\text{Ex II 2 D}$
    - Type of Protection: Ex tb IIIC Db
    - Surface Temperature: 80°C
- Ambient Temperature: -30 °C to +55 °C (-22 °F to +131 °F)
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10
- ATEX Certificate: INERIS 20 ATEX 0033X
- IECEX Certificate: IECEX INE 20.0032X

### UKEX Certification

- UKEX Certificate: CML 21 UKEX 1152X

### INMETRO Certification

- INMETRO Certificate: BVC22.4119-X



63 Amp Plug and Wall Mounting Socket

63 Amps		
<b>Main Contacts</b>		
Rated Insulation Voltage	690 Vac	
Rated Operating Voltage	690 Vac	
Rated Operating Current	63 Amp	
Rated Surge Voltage	6 kV	
<b>Switching Capacity</b>		
AC 21 A / AC 22 A	63 Amp	230 Volt to 500 Volt
	15 kW	230 Volt
	22 kW	400 Volt
	30 kW	500 Volt
AC 23 A	22 kW	690 Volt
	11 kW	230 Volt
	18.5 kW	400 Volt
AC 3	22 kW	500 Volt
	18.5 kW	690 Volt
DC 21	-	
DC 22	-	
DC 23	-	
<b>Auxiliary Contacts</b>		
Rated Insulation Voltage	400 Volt	
Rated Operating Voltage	400 Volt	
Rated Operating Current	10 Amp	
Switching Capacity: AC 15	6 Amp	230 Volt
	4 Amp	400 Volt
<b>Others</b>		
Termination (flexible/solid)	25 mm <sup>2</sup>	

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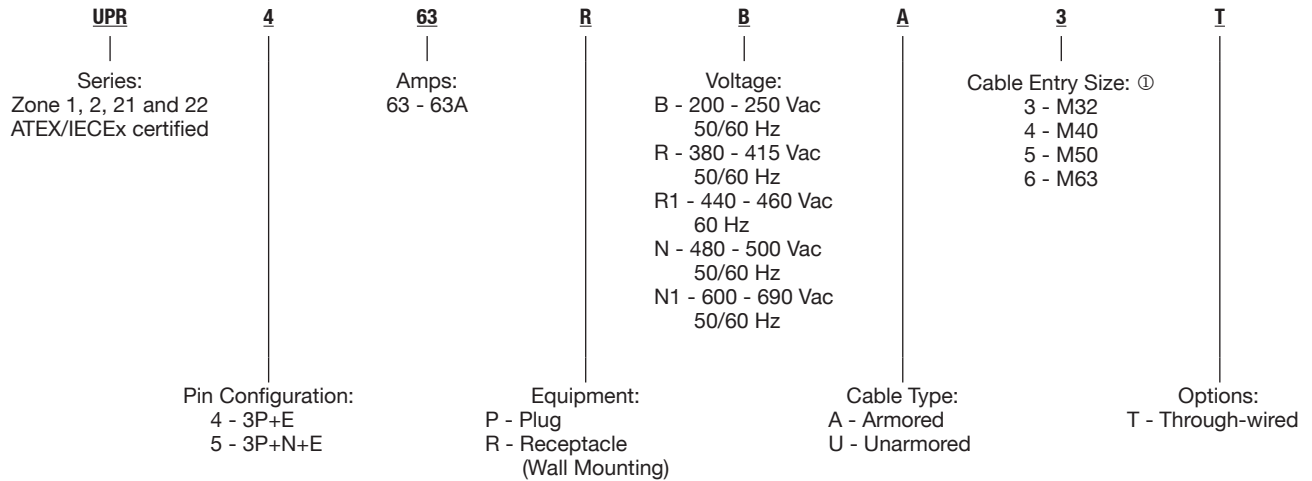
**Wall Mounting Socket**



**Plug**

- Standard versions:
  - Supplied with one M50 cable gland for unarmored cable – Ø 28 to Ø 38 mm and one M25 blanking plug.
  - Terminal capacity 1 x 25 mm<sup>2</sup>.
- Through-wired versions:
  - Supplied with two M50 cable glands for unarmored cable – Ø 28 to Ø 38 mm and one M25 blanking plug.
  - Terminal capacity 2 x 25 mm<sup>2</sup>.
- One integrated cable entry for unarmored flexible cable
  - Ø 17.5 to Ø 29 mm for 3P + E versions;
  - Ø 17.5 to Ø 32 mm for 3P + N + E versions.
- Terminals capacity 16 mm<sup>2</sup>.

### Catalog Numbering Guide – Plugs and Receptacles



### LV: Low Voltage

Blue (B)	Red (R)	Red (R1)	Black (N)	Black (N1)
200/250 Vac	380/415 Vac	440/460 Vac	480/500 Vac	600/690 Vac

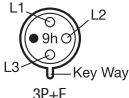
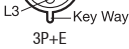
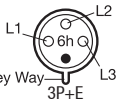
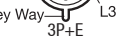

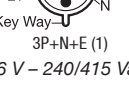


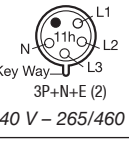
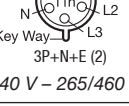
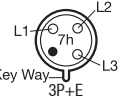

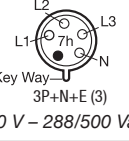
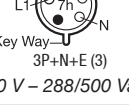
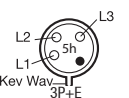


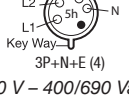
① With one M25 plugged entry.

# UPR Series 63 Amp Plugs and Sockets

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### Standard Versions

Equipment	Pin Configuration	Weight kg (lb)	Volume dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number
<b>200/250 Vac 50/60 Hz — Blue</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	<b>UPR463RBU5</b>
Plug		1.1 (2.4)	7.4 (29.1)	<b>UPR463PB</b>
<b>380/415 Vac 50/60 Hz — Red</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	<b>UPR463RRU5</b>
Plug		1.1 (2.4)	7.4 (29.1)	<b>UPR463PR</b>
Wall Socket		10.3 (22.7)	25.3 (99.6)	<b>UPR563RRU5</b>
Plug		1.2 (2.6)	7.4 (29.1)	<b>UPR563PR</b>
<b>440/460 Vac 60 Hz — Red</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	<b>UPR463RR1U5</b>
Plug		1.1 (2.4)	7.4 (29.1)	<b>UPR463PR1</b>
Wall Socket		10.3 (22.7)	25.3 (99.6)	<b>UPR563RR1U5</b>
Plug		1.2 (2.6)	7.4 (29.1)	<b>UPR563PR1</b>
<b>480/500 Vac 50/60 Hz — Black</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	<b>UPR463RNU5</b>
Plug		1.1 (2.4)	7.4 (29.1)	<b>UPR463PN</b>
Wall Socket		10.3 (22.7)	25.3 (99.6)	<b>UPR563RNU5</b>
Plug		1.2 (2.6)	7.4 (29.1)	<b>UPR563PN</b>
<b>600/690 Vac 50/60 Hz — Black</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	<b>UPR463RN1U5</b>
Plug		1.1 (2.4)	7.4 (29.1)	<b>UPR463PN1</b>
Wall Socket		10.3 (22.7)	25.3 (99.6)	<b>UPR563RN1U5</b>
Plug		1.2 (2.6)	7.4 (29.1)	<b>UPR563PN1</b>

Shaded catalog numbers are normally stocked items. All other items are made to order.

INCREASED SAFETY EX E

APPLETON

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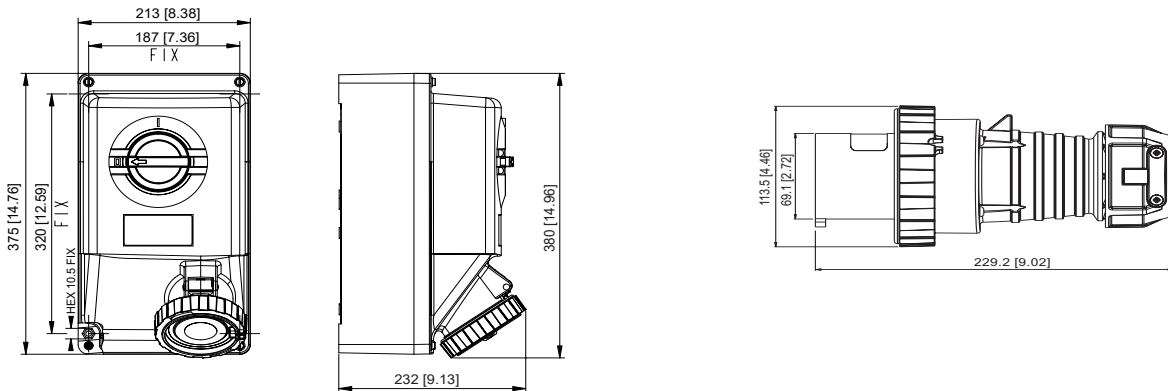
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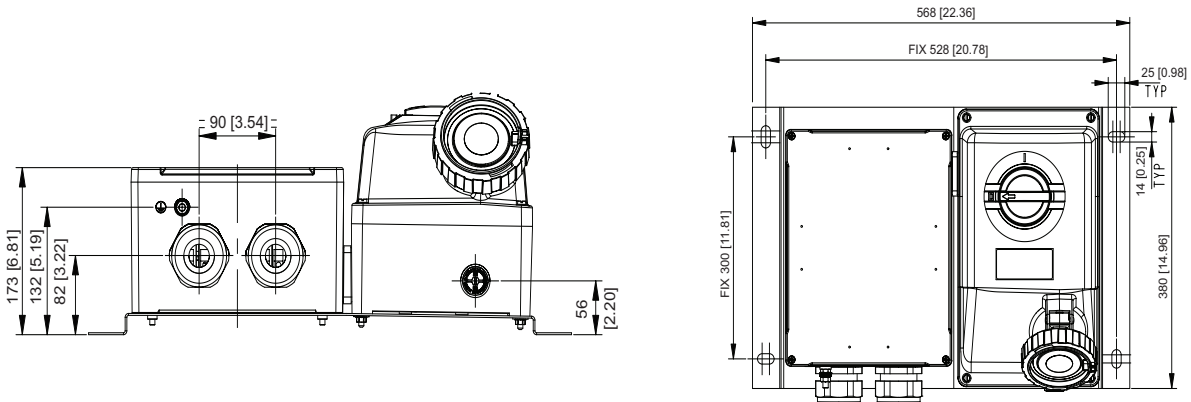
### Through-wired Versions

Equipment	Pin Configuration	Weight kg (lb)	Volume dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number
<b>380/415 Vac 50/60 Hz — Red</b>				
Wall Socket		16.0 (35.3)	110.0 (433.1)	<b>UPR463RRU5T</b>
Wall Socket		16.0 (35.3)	110.0 (433.1)	<b>UPR563RRU5T</b>
<i>(1) 200/346 V - 240/415 Vac 50/60 Hz</i>				

### Standard Version Dimensions in Millimeters (Inches)



### Through-Wired Version Dimensions in Millimeters (Inches)



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