

# ATX™ UPR Series 63 Amp Plugs and Sockets

## Increased Safety

ATEX/IECEX: Zones 1 and 2 – 21 and 22

### 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 – 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.
- Plug: polyamide

### ATEX/IECEX Certifications and Compliances

- Certification Type: UPR63
  - Gas: Zones 1 and 2
    - Conforming to ATEX 2014/34/EU: Ⓜ 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: Ⓜ II 2 D
    - Type of Protection: Ex tb IIIC Db
    - Surface Temperature: +80 °C (+176 °F)
- 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

### Technical Data

Main Contacts		
Rated Insulation Voltage	690 Vac	
Rated Operating Voltage	690 Vac	
Rated Operating Current	63 Amp	
Rated Surge Voltage	6 KV	
Switching Capacity		
AC 21 A/AC 22 A	63 Amp	230 Volt to 500 Volt
	15 kW	230 Volt
AC 23 A	22 kW	400 Volt
	30 kW	500 Volt
	22 kW	690 Volt
AC 3	11 kW	230 Volt
	18.5 kW	400 Volt
	22 kW	500 Volt
	15 kW	690 Volt
DC 21	-	
DC 22	-	
DC 23	-	
Auxiliary Contacts		
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
Others		
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 22 to Ø 38 mm (Ø 0.87 to Ø 1.49") 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 22 to Ø 38 mm (Ø 0.87 to Ø 1.49") 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 (0.69 to 1.14") for 3P + E versions;
  - Ø 17.5 to Ø 32 mm (0.69 to 1.26") for 3P + N + E versions.
- Terminals capacity 16 mm<sup>2</sup>.

## Catalog Numbering Guide — ATEX/IECEx Internationally Certified Plugs and Receptacles

<b>UPR</b>	<b>2</b>	<b>16</b>	<b>R</b>	<b>B</b>	<b>A</b>	<b>3</b>	<b>I</b>
Series: UPR - UPR Series Zone 1, 2, 21 and 22 ATEX/IECEx	Pin Configuration: 4 - 3P+E 5 - 3P+N+E	Amps: 63 - 63A	Equipment: P - Plug R - Receptacle (Wall Mounting)	Voltage: B - 200 - 250 Vac 50/60 Hz R - 380 - 415 Vac 50/60 Hz R1 - 440 - 460 Vac 50/60 Hz N - 480 - 500 Vac 50/60 Hz N1 - 600 - 690 Vac 50/60 Hz	Cable Type: A - Armored U - Unarmored	Cable Entry Size: ① 3 - M32 4 - M40 5 - M50 6 - M63	Options: T - Through-wired

### 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.

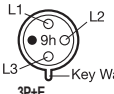
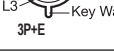
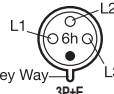
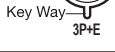

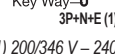


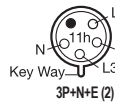
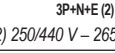

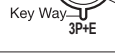

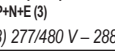
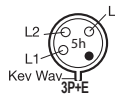
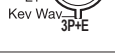
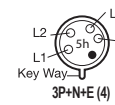
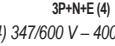
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ATEX/IECEx: Zones 1 and 2 – 21 and 22

Plugs and Receptacles

## 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)	UPR463RBU5
Plug		1.1 (2.4)	7.4 (29.1)	UPR463PB
<b>380/415 Vac 50/60 Hz — Red</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	UPR463RRU5
Plug		1.1 (2.4)	7.4 (29.1)	UPR463PR
Wall Socket		10.3 (22.7)	25.3 (99.6)	UPR563RRU5
Plug		1.2 (2.6)	7.4 (29.1)	UPR563PR
(1) 200/346 V – 240/415 Vac 50/60 Hz				
<b>440/460 Vac 60 Hz — Red</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	UPR463RR1U5
Plug		1.1 (2.4)	7.4 (29.1)	UPR463PR1
Wall Socket		10.3 (22.7)	25.3 (99.6)	UPR563RR1U5
Plug		1.2 (2.6)	7.4 (29.1)	UPR563PR1
(2) 250/440 V – 265/460 Vac 60 Hz				
<b>480/500 Vac 50/60 Hz — Black</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	UPR463RNU5
Plug		1.1 (2.4)	7.4 (29.1)	UPR463PN
Wall Socket		10.3 (22.7)	25.3 (99.6)	UPR563RNU5
Plug		1.2 (2.6)	7.4 (29.1)	UPR563PN
(3) 277/480 V – 288/500 Vac 50/60 Hz				
<b>600/690 Vac 50/60 Hz — Black</b>				
Wall Socket		9.9 (21.8)	25.3 (99.6)	UPR463RN1U5
Plug		1.1 (2.4)	7.4 (29.1)	UPR463PN1
Wall Socket		10.3 (22.7)	25.3 (99.6)	UPR563RN1U5
Plug		1.2 (2.6)	7.4 (29.1)	UPR563PN1
(4) 347/600 V – 400/690 Vac 50/60 Hz				

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## Increased Safety

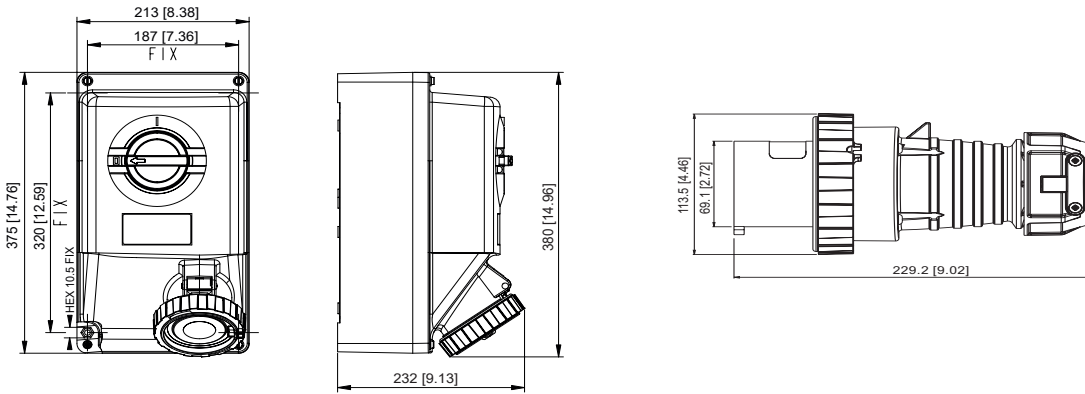
ATEX/IECEx: Zones 1 and 2 – 21 and 22

### 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)	UPR463RRU5T
Wall Socket		16.0 (35.3)	110.0 (433.1)	UPR563RRU5T
(1) 200/346 V – 240/415 Vac 50/60 Hz				

### Dimensions in Millimeters (Inches)

#### Standard Version



#### Through-Wired Version

