

# ATX™ UPR Series 32 Amp Plugs and Sockets

## Increased Safety

ATEX/IECEX:  
Zone 1 and 2 - 21 and 22  
II 2 GD  
IP66 - IK09

Appleton

PLUGS AND RECEPTACLES: ATEX/IECEX FLAMEPROOF

### Applications

- Plugs and sockets are used with portable or stationery electrical equipment such as:
  - Lighting systems
  - Conveyors
  - Heaters
  - Motor generators
  - Air conditioning equipment
  - Compressors
  - Pumps
- For use in corrosive atmospheres and installations in Zone 1 and 2 and 21 and 22 of the oil and gas industry, such as:
  - Refineries
  - Chemical and petrochemical plants
  - Pipelines
  - Loading docks
  - Onshore and offshore drilling platforms

### Features

- Plug and socket system is designed with a mechanical interlock to insure disengagement cannot occur while energized.
- Large ON/OFF actuator on the receptacle gives clear, visible indication of the receptacle status for maximum hazardous location protection.
- Low Voltage receptacle can be locked in 0 (Off) and 1 (On) positions.
- Different voltages are color coded for easy identification.
- The receptacles are keyed to accept UPR plugs of the proper voltage.
- Receptacle explosionproof switch.
- UPR plugs can be used in non-hazardous IEC 60309-2 sockets.
- Operating temperature of -20 °C to +55 °C (-4 °F to +131 °F)

### Standard Materials

- Wall Socket: polyamide
- Plug: polyamide

### ATEX/IECEX Certifications and Compliances

- Certification Type UPR
  - Gas: Zones 1 and 2
    - Conforming to ATEX 94/9/CE: II 2 G
    - Type of Protection: Ex db eb IIB
    - Temperature Class: T6 for  $T_a \leq +40\text{ °C}$  (+104 °F) and T5 for  $+55\text{ °C}$  (+131 °F)
  - Dust: Zones 21 and 22
    - Conforming to ATEX 94/9/CE: II 2 D
    - Type of Protection: Ex tb IIIB
    - Surface Temperature: T79 °C [ $T_a + 40\text{ °C}$  (+104 °F)]; T94 °C [ $(T_a + 55\text{ °C})$  (+131 °F)]
- Ambient Temperature:  $-20\text{ °C} \leq T_a \leq +55\text{ °C}$  ( $-4\text{ °F} \leq T_a \leq +131\text{ °F}$ )
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK09
- CE Declaration of Conformity: 50311
- ATEX Certificate: LCIE 15 ATEX 3054X
- IECEX Certificate: IECEX LCIE 15.0044X



Plug



Wall Mounting Socket

### Technical Data

Breaking Capacity		
AC3	32 Amp	690 Vac
AC22	32 Amp	690 Vac
Short Circuit Withstand (ICC) : 10kA		

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Wall Mounting Socket

- Two M32 threaded entries on the bottom or top upon request.
- Supplied with one M32 cable gland – Ø 10 to Ø 25 mm (0.39 to 0.98 in) and one M32 blanking plugs.
- Terminal capacity 2 x 6 to 10 mm² (#10 to #8 AWG). Can be through-wired up to 6mm² (#10 AWG).
- Fitted with two linked earth terminals.



Plug

- One integrated cable clamp – Ø 14.1 to Ø 29.1 mm (0.55 to 0.98 in) for 3P+N+E versions.
- Terminal capacity 6 to 10 mm² (#10 to #8 AWG).

LV - Low Voltage

Yellow	Blue	Red	Black
100/130 Vac	200/250 Vac	380/415 Vac	480/500 Vac
			600/690 Vac

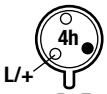
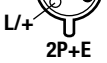
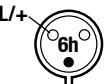
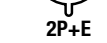
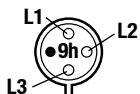

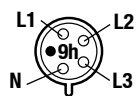
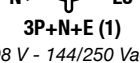
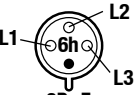
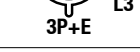
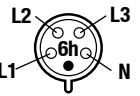
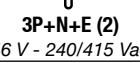


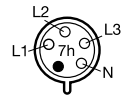
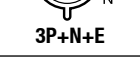
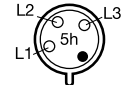

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Description	Pin Configuration	Weight kg (lb)	Volume dm³ (in³)	Color	Catalog Number
<b>100/130 Vac 50/60 Hz - Yellow</b>					
Wall Socket		1.71 (3.77)	11.30 (689.57)	Yellow	<b>UPR332RY4</b>
Plug		0.46 (1.01)	2.40 (146.46)	Yellow	<b>UPR332PY4</b>
<b>200/250 Vac 50/60 Hz - Blue</b>					
Wall Socket		1.71 (3.77)	11.30 (689.57)	Blue	<b>UPR332RB6</b>
Plug		0.46 (1.01)	2.40 (146.46)	Blue	<b>UPR332PB6</b>
Wall Socket		1.85 (4.08)	11.30 (689.57)	Blue	<b>UPR432RB9</b>
Plug		0.49 (1.08)	2.40 (146.46)	Blue	<b>UPR432PB9</b>
Wall Socket		1.91 (4.21)	11.30 (689.57)	Blue	<b>UPR532RB9</b>
Plug		0.54 (1.19)	2.40 (146.46)	Blue	<b>UPR532PB9</b>
(1) 120/208 V - 144/250 Vac 50/60 Hz					
<b>380/415 Vac 50/60 Hz - Red</b>					
Wall Socket		1.85 (4.08)	11.30 (689.57)	Red	<b>UPR432RR6</b>
Plug		0.49 (1.08)	2.40 (146.46)	Red	<b>UPR432PR6</b>
Wall Socket		1.91 (4.21)	11.30 (689.57)	Red	<b>UPR532RR6</b>
Plug		0.54 (1.19)	2.40 (146.46)	Red	<b>UPR532PR6</b>
(2) 200/346 V - 240/415 Vac 50/60 Hz					
<b>480/500 Vac 50/60 Hz - Black</b>					
Wall Socket		1.85 (4.08)	11.30 (689.57)	Black	<b>UPR432RN7</b>
Plug		0.49 (1.08)	2.40 (146.46)	Black	<b>UPR432PN7</b>
Wall Socket		1.91 (4.21)	11.30 (689.57)	Black	<b>UPR532RN7</b>
Plug		0.54 (1.19)	2.40 (146.46)	Black	<b>UPR532PN7</b>
<b>600/690 Vac 50/60 Hz -Black</b>					
Wall Socket		1.85 (4.08)	11.30 (689.57)	Black	<b>UPR432RN5</b>
Plug		0.49 (1.08)	2.40 (146.46)	Black	<b>UPR432PN5</b>

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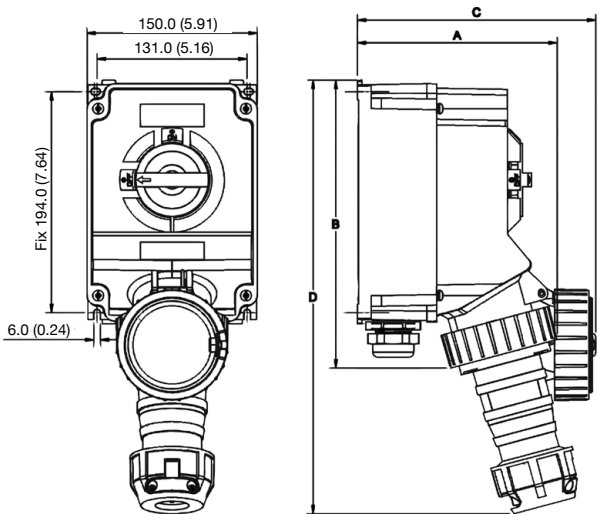
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Dimensions in Millimeters (Inches)

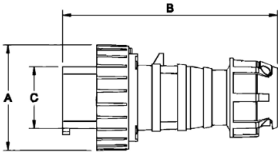
32A — 2P+E — 3P+E — 3P+N+E Versions

Wall Mounting Sockets



	Dimensions in Millimeters (Inches)			
	A	B	C	D
2 P + E	175.0 (6.89)	250.0 (9.84)	210.0 (8.27)	380.0 (14.96)
3 P + E	175.0 (6.89)	250.0 (9.84)	210.0 (8.27)	380.0 (14.96)
3 P + N + E	177.0 (6.97)	250.0 (9.84)	210.0 (8.27)	380.0 (14.96)

Plugs



	Dimensions in Millimeters (Inches)		
	A	B	C
2 P + E	98.0 (3.86)	200.0 (7.87)	57.0 (2.24)
3 P + E	98.0 (3.86)	200.0 (7.87)	57.0 (2.24)
3 P + N + E	102.0 (4.02)	200.0 (7.87)	63.0 (2.48)