

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 mm² 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
AC 23 A	15 kW	230 Volt
	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 ²	

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Wall Mounting Socket

- 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 mm².
- 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 mm².



Plug

- 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 mm².

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

UPR	2	16	R	B	A	3	I
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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Plugs and Receptacles

Standard Versions

Equipment	Pin Configuration	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
200/250 Vac 50/60 Hz — Blue				
Wall Socket		9.9 (21.8)	25.3 (99.6)	UPR463RBU5
Plug		1.1 (2.4)	7.4 (29.1)	UPR463PB
380/415 Vac 50/60 Hz — Red				
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				
440/460 Vac 60 Hz — Red				
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				
480/500 Vac 50/60 Hz — Black				
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				
600/690 Vac 50/60 Hz — Black				
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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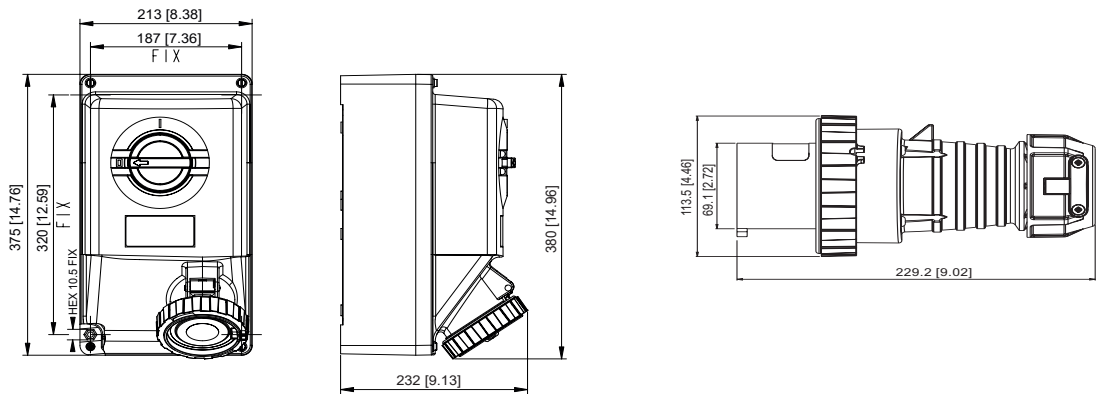
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Through-wired Versions

Equipment	Pin Configuration	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
380/415 Vac 50/60 Hz — Red				
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

