

A.T.X.[®] PRE Series 63 Amp Plugs and Sockets

Increased Safety

Zone 1 and 2 - 21 and 22
 Ⓜ II 2 GD
 ATEX / IEC
 IP66 - IK10

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 conditionings
 - 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

Features

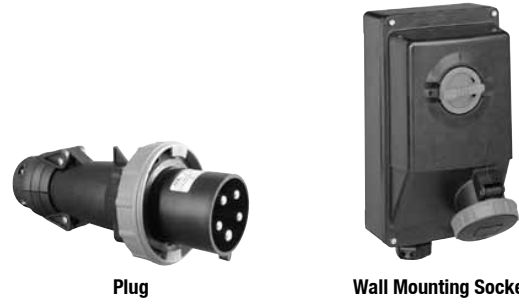
- Positive polarization: only ATX plugs of same style, number of poles and ampere rating may be used with these sockets.
- Interlocked 3-pole or 4-pole Ex de disconnecting on-load switch, with auxiliary early break contact (capacity 0.004 in²/ 2.5 mm² max).
- Plug is mechanically locked in socket when 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

Certifications and Compliances

- Certification Type PC63X
- Gas: Zones 1 and 2
 - Conforming to ATEX 94/9/CE: CE 0081 Ⓜ II 2 G
 - ATEX/IEC Protection: Ex de IIC
 - T-Rating: T6 for Ta ≤ +104 °F/+40°C and 5 for +40°C ≤ Ta ≤ +131 °F/+55 °C
- Dust: Zones 21 and 22
 - Conforming to ATEX 94/9/CE: CE 0081 Ⓜ II 2 D
 - ATEX/IEC Protection: Ex tD A21
 - Surface Temperature: T194 °F/T90 °C
- Service Temperature: -22 °F/-30 °C to +131 °F/+55 °C
- CE Declaration of Conformity: 50208
- ATEX Certificate: LCIE 02 ATEX 6004
- IEC Certificate: LCIE Ex 99.004
- Other Certifications: GOST
- Ingress Protection (solid and liquid): IP66
- Impact Resistance (shock): IK10
- Ex Standards: EN/IEC 60079-0; 60079-1, 60079-7; 61241-0, 61241-1
- Product Standards: EN/IEC 60309-1, 60309-2
- Other Standards: EN/IEC 60529 (IP), 62262 (IK)



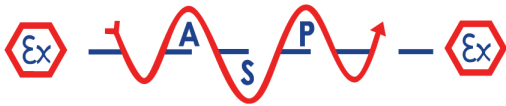
Plug

Wall Mounting Socket



Wall Mounting Socket Through-Wired

63 Amps		
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 690 Volt
	15 kW	230 Volt
	22 kW	400 Volt
	30 kW	500 Volt
	18.5 kW	690 Volt
	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	
	6 Amp	230 Volt
Switching Capacity: AC 15	4 Amp	400 Volt
Others		
Termination (flexible/solid)	0.002 in ² / 35 mm ²	



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Wall Mounting Socket



Plug

- Standard versions:
 - Supplied with one M50 cable gland for unarmored cable Ø 1.10 to Ø 1.65" / Ø 28 to Ø 42 mm, and one M25 blanking plug.
 - Terminal capacity 0.002 x 0.054 in² / 1 x 35 mm².
- Through-wired versions:
 - Supplied with two M50 cable glands for unarmored cable Ø 1.10 to Ø 1.65" / Ø 28 to Ø 42 mm, and one M25 blanking plug.
 - Terminal capacity 0.003 x 0.054 in² / 2 x 35 mm².
- One integrated cable entry for unarmored flexible cable
 - Ø 0.69 to Ø 1.14" / Ø 17.5 to Ø 29 mm for 3P + E versions.
 - Ø 0.69 to Ø 1.26" / Ø 17.5 to Ø 32 mm for 3P + N + E versions.
- Terminals capacity 0.025 in² / 16 mm².

Plugs and Receptacles

PLUGS AND RECEPTACLES: HAZARDOUS LOCATION

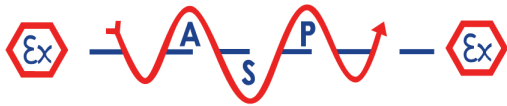
Catalog Numbering Guide

<p>PRE</p> <p>Series: PRE - PRE Series Zone 1, 2, 21 and 22 ATEX / IEC Certified</p>	<p>4</p> <p>Pin Configuration: 4 - 3P+E 5 - 3P+N+E</p>	<p>63</p> <p>Amps: 63 - 63A</p>	<p>R</p> <p>Equipment: P - Plug R - Receptacle (Wall Mounting)</p>	<p>B</p> <p>Voltage: B - 200 - 250 Vac 50/60 Hz R - 380 - 415 Vac 50/60 Hz N - 480 - 500 Vac 50/60 Hz R1 - 440 - 460 Vac 60 Hz N1 - 600 - 690 Vac 50/60 Hz</p>	<p>A</p> <p>Cable Type: A - Armored U - Unarmored</p>	<p>3</p> <p>Cable Entry Size: * 3 - M32 4 - M40 5 - M50 6 - M63</p>	<p>S</p> <p>Options: S - 316L Stainless Steel T - Through-wired</p>
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LV: Low Voltage

Blue	Red	Black	Red 1	Black 1
200/250 Vac	380/415 Vac	480/500 Vac	440/460 Vac	600/690 Vac

* With one M5 plugged entry.

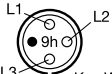
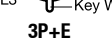
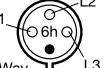
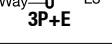

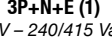
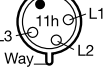

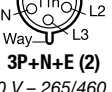
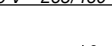
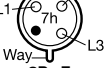

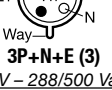



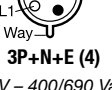
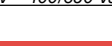


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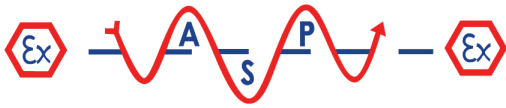
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II 2 GD
ATEX / IEC
IP66 - IK10

Standard Versions

Description	Pin Configuration	Weight (lb/kg)	Volume (in ³ /dm ³)	Catalog Number
200/250 Vac 50/60 Hz — Blue				
Wall Socket		17.64/8.0	1586.62/26.0	PRE463RBU5
Plug	 3P+E	2.20/1.0	427.17/7.0	PRE463PB
380/415 Vac 50/60 Hz — Red				
Wall Socket		17.64/8.0	1586.62/26.0	PRE463RRU5
Plug	 3P+E	2.20/1.0	427.17/7.0	PRE463PR
Wall Socket		17.64/8.0	1586.62/26.0	PRE563RRU5
Plug	 3P+N+E (1) <i>(1) 200/346 V – 240/415 Vac 50/60 Hz</i>	2.20/1.0	427.17/7.0	PRE563PR
440/460 Vac 60 Hz — Red				
Wall Socket		17.64/8.0	1586.62/26.0	PRE463RR1U5
Plug	 3P+E	2.20/1.0	427.17/7.0	PRE463PR1
Wall Socket		17.64/8.0	1586.62/26.0	PRE563RR1U5
Plug	 3P+N+E (2) <i>(2) 250/440 V – 265/460 Vac 60 Hz</i>	2.20/1.0	427.17/7.0	PRE563PR1
480/500 Vac 50/60 Hz — Black				
Wall Socket		17.64/8.0	1586.62/26.0	PRE463RNU5
Plug	 3P+E	2.20/1.0	427.17/7.0	PRE463PN
Wall Socket		17.64/8.0	1586.62/26.0	PRE563RNU5
Plug	 3P+N+E (3) <i>(3) 277/480 V – 288/500 Vac 50/60 Hz</i>	2.20/1.0	427.17/7.0	PRE563PN
600/690 Vac 50/60 Hz — Black				
Wall Socket		17.64/8.0	1586.62/26.0	PRE463RN1U5
Plug	 3P+E	2.20/1.0	427.17/7.0	PRE463PN1
Wall Socket		17.64/8.0	1586.62/26.0	PRE563RN1U5
Plug	 3P+N+E (4) <i>(4) 347/600 V – 400/690 Vac 50/60 Hz</i>	2.20/1.0	427.17/7.0	PRE563PN1

Plugs and Receptacles

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Through-wired Versions

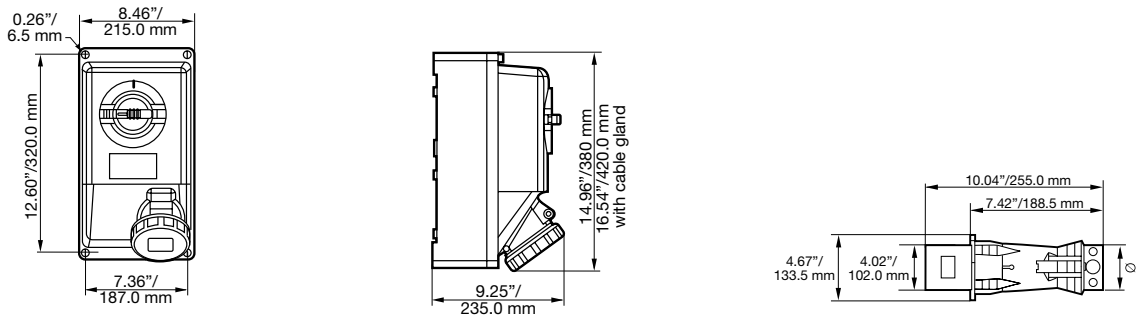
Description	Pin Configuration	Weight (lb/kg)	Volume (in ³ /dm ³)	Catalog Number
380/415 Vac 50/60 Hz – Red				
Wall Socket	<p>3P+E</p>	35.27/16.0	6712.61/110.0	PRE463RRU5T
Wall Socket	<p>3P+N+E (1)</p>	35.27/16.0	6712.61/110.0	PRE563RRU5T
(1) 200/346 V – 240/415 Vac 50/60 Hz				

Plugs and Receptacles

PLUGS AND RECEPTACLES: HAZARDOUS LOCATION

Dimensions

Standard Version



Through-Wired Version

