

ATX™ PRE Series 32 Amp Plugs and Sockets

Increased Safety

ATEX/IECEX:
Zone 1 and 2 - 21 and 22
 Ⓢ II 2 GD
 IP66 - IK10

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 safe disconnect mechanism to insure maximum hazardous location protection:
 - The contact separation is in a flameproof chamber
 - The automatic electrical disconnection of each phase is contained in a second flameproof chamber
- Short circuit protection is 20 kA, while normal reference is 10 kA.
- Different voltages are color coded for easy identification.
- The sockets are keyed to accept only ATX plugs (other plugs can not be inserted).
- ATX plugs can be used in non-hazardous sockets.

Standard Materials

- Wall Socket: high impact resistance fiberglass reinforced polyester
- Plug, mobile socket and flush socket: polyamide

ATEX/IECEX Certifications and Compliances

- Certification Type PCX (Plug, socket and mobile socket)
 - Gas: Zones 1 and 2
 - Conforming to ATEX 94/9/CE: Ⓢ II 2 G
 - Type of Protection: Ex de IIC
 - Temperature Class: T6 for Ta ≤ +40 °C (-40 °F) and T5 for +55 °C (+131 °F)
 - Dust: Zones 21 and 22
 - Conforming to ATEX 94/9/CE: Ⓢ II 2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T68 °C (T154 °F)
 - Index of Protection according EN/IEC 60529: IP66
 - Impact Resistance (shock): IK10 (Polyester) and IK09 (Polyamide)
 - CE Declaration of Conformity: 50228
 - ATEX Certificate: LCIE 02 ATEX 6068
 - IECEx Certificate: IECEx LCI 04.0014
- Certification Type PCX/EN (Flush socket)
 - Gas: Zones 1 and 2
 - Conforming to ATEX 94/9/CE: Ⓢ II 2 G
 - Type of Protection: Ex de IIC
 - Temperature Class: T6 for Ta ≤ +40 °C (-40 °F) and T5 for +55 °C (+131 °F)

LV: Low Voltage



Plug



Wall Mounting Socket



Mobile Socket



Flush Socket

Technical Data

	Breaking Capacity
AC 1	32 A – 500 V
	11 kW – 220 V
AC 22	12 kW – 240 V
	19 kW – 380 V
	20.7 kW – 415 V
ICC	20 kA

- Dust: Zones 21 and 22
 - Conforming to ATEX 94/9/CE: Ⓢ II 2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T68 °C (T154 °F)
- Impact Resistance (shock): IK09 (Polyamide)
- CE Declaration of Conformity: 5C214
- ATEX Certificate: LCIE 02 ATEX 0001U
- IECEx Certificate: IECEx LCI 07.0012U
- Ambient Temperature: -40 °C ≤ Ta ≤ +55 °C (-40 °F ≤ Ta ≤ +131 °F)
- Index of Protection according EN/IEC 60529: IP66

EURASEC Certification

- Certification Type PCX (Plug, socket and mobile socket)
 - EURASEC N° TC RU C-FR.Г505.В.00910
- Certification Type PCX/EN (Flush socket)
 - EURASEC N° TC RU C-FR.Г505.В.00910

Other Certification

- Certification Type PCX (Plug, socket and mobile socket)
 - INMETRO Certificate: BVC11.0639 ①
- Certification Type PCX/EN (Flush socket)
 - INMETRO Certificate: BVC11.0598-U ①

PLUGS AND RECEPTACLES: ATEX/IECEX INCREASED SAFETY

APPLETON™

① INMETRO certification available on special request only. Contact your local sales representative for more information.

ATX™ PRE Series 32 Amp Low Voltage Plug and Socket Accessories

Increased Safety

ATEX/IECEX:
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II 2 GD
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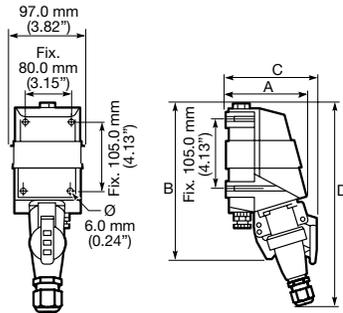
Accessories

	Description	Catalog Number
	M5 earth stud with black neoprene sealing washer and green/yellow earth conductor, length 300 mm (11.8")	PREESTM25
	M20 earth continuity adaptor with black neoprene sealing washer and green/yellow earth conductor, length 300 mm (11.8")	PREECAM25

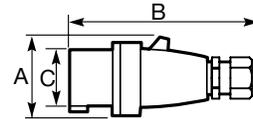
Dimensions in Millimeters (Inches)

32A – 2P+E – 3P+E – 3P+N+E Versions

Wall Mounting Sockets



Plugs



Dimensions in Millimeters (Inches)

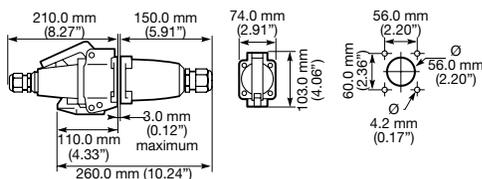
	A	B	C	D
2 P + E	140.0 (5.51)	275.0 (10.83)	155.0 (6.10)	370.0 (14.67)
3 P + E	140.0 (5.51)	275.0 (10.83)	155.0 (6.10)	370.0 (14.67)
3 P + N + E	140.0 (5.51)	275.0 (10.83)	165.0 (6.50)	375.0 (14.76)

Dimensions in Millimeters (Inches)

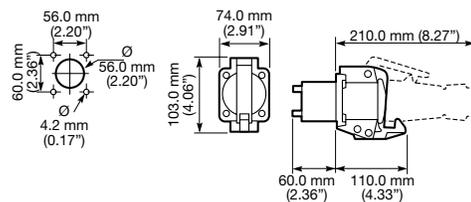
	A	B	C
2 P + T	80.0 (3.15)	170.0 (6.69)	67.0 (2.64)
3 P + T	80.0 (3.15)	170.0 (6.69)	67.0 (2.64)
3 P + N + T	80.0 (3.15)	195.0 (7.68)	74.0 (2.91)

Mobile Sockets

Can be mounted on panel - 3.0 mm (0.12") thickness maximum



Flush Sockets



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APPLETON™