ATX™ PRE SERIES 16 AMP PLUGS AND SOCKETS
INCREASED SAFETY

FEATURES
- Plug and socket system is designed with a safe disconnect mechanism to ensure maximum hazardous location protection:
  — The contact separation is in a flameproof chamber.
- Short circuit protection is 10 kA.
- Different voltages are color coded for easy identification.
- The receptacles are keyed to accept only ATX plugs (other plugs cannot be inserted).
- ATX plugs can be used in non-hazardous IEC 309 sockets.

Breaking Capacity	
AC3	4 kW – 220 V 4.3 kW – 240 V 7.5 kW – 380 V 8.2 kW – 415 V
ICC	10 kA

TYPICAL APPLICATIONS
- Plugs and receptacles 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 Zones 1 and 2 – 21 and 22 of the oil and gas industry; such as:
  — Refineries
  — Chemical and petrochemical plants
  — Pipelines
  — Loading docks
  — Onshore and offshore drilling platforms
  — LNG Trains
  — Gas Compressor Stations

STANDARD MATERIALS
- Wall Socket for 2P - 2P+E - 3P: polycarbonate
- Wall Socket for 3P+E - 3P+N+E: fiberglass reinforced polyester
- Plug, mobile socket and flush socket: polyamide

ATEX/IECEx Certifications and Compliances
- Certification Type PRE (plug, socket and mobile socket)
  — Gas: Zones 1 and 2
    – Conforming to ATEX 2014/34/EU: Ⓔx II 2 G
    – Type of Protection: Ex db eb IIC Gb
    – Temperature Class: T6
  — Dust: Zones 21 and 22
    – Conforming to ATEX 2014/34/EU: Ⓔx II 2 D
    – Type of Protection: Ex tb IIIC Db
    – Surface Temperature: T66°C (T151°F)
  — Ambient Temperature: -20 °C ≤ Ta ≤ +55 °C (-4 °F ≤ Ta ≤ 131 °F)
  — Index of Protection according EN/IEC 60529: IP66
  — ATEX Certificate: INERIS 26 ATEX 0001X
  — IECEx Certificate: IECEx INE 26.0007X
- Certification Type PRE-EN (flush socket)
  — Gas: Zones 1 and 2
    – Conforming to ATEX 2014/34/EU Ⓔx II 2 G
    – Type of Protection: Ex db eb IIC Gb
  — Dust: Zones 21 and 22
    – Conforming to ATEX 2014/34/EU: Ⓔx II 2 D
    – Type of Protection: Ex tb IIIC Db
  — Service Temperature: -20 °C ≤ Ts ≤ +75 °C (-4 °F ≤ Ts ≤ +167 °F)
  — Index of Protection according EN/IEC 60529: IP66
  — ATEX Certificate: INERIS 26 ATEX 9001U
  — IECEx Certificate: IECEx INE 26.0011U


Wall Mounting Socket


Plug


Mobile Socket


Flush Socket

INMETRO CERTIFICATIONS
- Certification Type: PRE (wall mounting sockets, mobile sockets and plugs)
  — Inmetro Certificate: BVC26.4568-X
- Certification Type: PRE-EN (flush socket)
  — Inmetro Certificate: BVC26.4569-U

CATALOG NUMBERING GUIDE

Series Prefix	Pin Configuration	Amps	Equipment	Voltage
PRE		16		

SERIES PREFIX:	
PRE	Zone 1, 2, 21 and 22 ATEX/IECEx
PIN CONFIGURATION:	
2	2P
3	2P+E
4	3P+E
5	3P+N+E
6	3P

AMPS:	
16	16 Amps
EQUIPMENT:	
P	Plug
R	Receptacle (Wall Mounting)
M	Mobile Socket
F	Flush Socket

VOLTAGE:	
P	20 - 25 Vac 50/60 Hz
W1	20 - 50 Vdc
W	40 - 50 Vac 50/60 Hz
Y	100 - 130 Vac 50/60 Hz
B	200 - 250 Vac 50/60 Hz
R	380 - 415 Vac 50/60 Hz
N	480 - 500 Vac 50/60 Hz
G	50 - 500 Vac 300 to 500 Hz

ELV: EXTRA LOW VOLTAGE

PURPLE (P)	WHITE (W1)	WHITE (W)
20/25 Vac	20/25 Vdc	40/50 Vac

LV: LOW VOLTAGE

YELLOW (Y)	BLUE (B)	RED (R)	BLACK (N)	GREEN (G)
100/130 Vac	200/250 Vac	380/415 Vac	480/500 Vac	50/500 Vac (300 to 500 Hz)

APPLETON™
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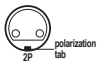
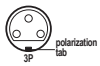
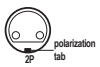
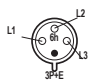
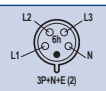
ATX™ PRE SERIES 16 AMP PLUGS AND SOCKETS
INCREASED SAFETY


Wall Mounting Socket


Plug


Mobile Socket


Flush Socket

Pin Configuration	Description	Voltage	Voltage	Color Coding	Catalog Number
	Wall Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE216RP
	Plug	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE216PP
	Mobile Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE216MP
	Flush Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE216FP
	Wall Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE316RP
	Plug	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE316PP
	Mobile Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE316MP
	Flush Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE316FP
	Wall Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE616RP
	Plug	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE616PP
	Mobile Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE616MP
	Flush Socket	Extra Low Voltage	20/25 Vac 50/60 Hz	Purple	PRE616FP
	Wall Socket	Extra Low Voltage	20/50 Vdc	White	PRE216RW1
	Plug	Extra Low Voltage	20/50 Vdc	White	PRE216PW1
	Mobile Socket	Extra Low Voltage	20/50 Vdc	White	PRE216MW1
	Flush Socket	Extra Low Voltage	20/50 Vdc	White	PRE216FW1
	Wall Socket	Extra Low Voltage	20/50 Vdc	White	PRE216RW
	Plug	Extra Low Voltage	20/50 Vdc	White	PRE216PW
	Mobile Socket	Extra Low Voltage	20/50 Vdc	White	PRE216MW
	Flush Socket	Extra Low Voltage	20/50 Vdc	White	PRE216FW
	Wall Socket	Extra Low Voltage	20/50 Vdc	White	PRE616RW
	Plug	Extra Low Voltage	20/50 Vdc	White	PRE616PW
	Mobile Socket	Extra Low Voltage	20/50 Vdc	White	PRE616MW
	Flush Socket	Extra Low Voltage	20/50 Vdc	White	PRE616FW
	Wall Socket	Low Voltage	100/130 Vac 50/60 Hz	Yellow	PRE316RY
	Plug	Low Voltage	100/130 Vac 50/60 Hz	Yellow	PRE316PY
	Mobile Socket	Low Voltage	100/130 Vac 50/60 Hz	Yellow	PRE316MY
	Flush Socket	Low Voltage	100/130 Vac 50/60 Hz	Yellow	PRE316FY
	Wall Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE316RB
	Plug	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE316PB
	Mobile Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE316MB
	Flush Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE316FB
	Wall Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE416RB
	Plug	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE416PB
	Mobile Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE416MB
	Flush Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE416FB
 (1) 120/208 V - 144/250 Vac 50/60 Hz	Wall Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE516RB
	Plug	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE516PB
	Mobile Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE516MB
	Flush Socket	Low Voltage	200/250 Vac 50/60 Hz	Blue	PRE516FB
	Wall Socket	Low Voltage	380/415 Vac 50/60 Hz	Red	PRE416RR
	Plug	Low Voltage	380/415 Vac 50/60 Hz	Red	PRE416PR
	Mobile Socket	Low Voltage	380/415 Vac 50/60 Hz	Red	PRE416MR
	Flush Socket	Low Voltage	380/415 Vac 50/60 Hz	Red	PRE416FR
 (2) 200/346 V - 240/415 Vac 50/60 Hz	Wall Socket	Low Voltage	380/415 Vac 50/60 Hz	Red	PRE516RR
	Plug	Low Voltage	380/415 Vac 50/60 Hz	Red	PRE516PR
	Mobile Socket	Low Voltage	380/415 Vac 50/60 Hz	Red	PRE516MR
	Flush Socket	Low Voltage	380/415 Vac 50/60 Hz	Red	PRE516FR
	Wall Socket	Low Voltage	480/500 Vac 50/60 Hz	Black	PRE416RN
	Plug	Low Voltage	480/500 Vac 50/60 Hz	Black	PRE416PN
	Mobile Socket	Low Voltage	480/500 Vac 50/60 Hz	Black	PRE416MN
	Flush Socket	Low Voltage	480/500 Vac 50/60 Hz	Black	PRE416FN
	Wall Socket	Low Voltage	50/500 Vac 300/500 Hz	Green	PRE516RG
	Plug	Low Voltage	50/500 Vac 300/500 Hz	Green	PRE516PG
	Mobile Socket	Low Voltage	50/500 Vac 300/500 Hz	Green	PRE516MG
	Flush Socket	Low Voltage	50/500 Vac 300/500 Hz	Green	PRE516FG

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