

PLUGS & SOCKET-OUTLETS

MXBS - Socket outlet combination boxes



These socket outlet combination boxes, available in different materials and sizes, are designed for making electrical connections in hazardous areas. They can be equipped with 5 to 680A Marechal decontactors and/or 10 A Marechal multicontact connectors, offering from 12 to 37 contacts. They provide increased and intrinsic safety, allowing them to be used in zones 1 & 2 (gas), 21 & 22 (dust).

This comprehensive range is perfect for wet and corrosive environments, such as food and beverage or chemical industries, thanks to its specific and high quality materials. It is possible to mount both socket-outlets and multicontact connectors on the same box: DXN1, DXN3, DXN6, PXN12C, DXN25C, DXN37C, SPeX, DXA1 and PNCX.

TECHNICAL FEATURES

Material	Enclosure: Stainless steel AISI316L, GRP or Aluminium Socket: GRP and/or Aluminium
IP rating	IP66
Ambient temperature range	-55°C to +60°C
Approvals	LCIE 17 ATEX 3005 X (Standard) IECEX LCIE 17.0003X (marking upon request) EAC (available for certificate INERIS 06 ATEX 0015)
Marking	II 2 GD Ex eb IIC T(**) Gb or Ex ia or ib IIC T(**) Gb or Ex eb ia or eb ib IIC T(**) Gb Ex tb IIIC T(**) Db IP66 ** T6/T80°C, T5/T95°C, T4/T105°C, T127°C, T130°C
Frequency	50 and/or 60Hz in AC
Electrical parameters	Ex eb: U _{max} =1000 V AC/DC; I _{max} =376A* (wiring with terminals); I _{max} =680A* (direct wiring) Ex ia/Ex ib: U _i ≤750 V; I _i ≤400A* Ex eb ia/Ex eb ib: U _i ≤750 V; U _m ≤750 V; I _i ≤400A* * The electrical parameters must be reduced, if relevant, according to the limitations of certified equipments used.
Standard certificate label	Made by self adhesive UV and corrosion resistant polyester, approved by certified Laboratory.
Optional accessories	Drain/breather valve Traffolyte/Stainless steel certificate label Cable glands Terminals Plug

