219.12531

PLUG
125A 3P+E 4h 100-130V 50Hz 60Hz II 2GD Mantle terminals



* Product image may be indicative

IEC 60079-0 (2017)
IEC 60079-31 (2013)
EN 60079-7 (2015)
EN IEC 60079-7/A1 (2018)
IEC 60079-7/AMD1 (2017)
EN 60079-31 (2014)
EN 60079-1 (2014)
IEC 60079-1 (2014)
EN IEC 60309-1 (2022)
EN IEC 60309-2 (2022)
EN IEC 60309-4 (2022)
EN IEC 60079-0 (2018)
IEC 60079-7 (2015)

ATEX directive 2014/34/EU

GENERAL CHARACTERISTICS

Commercial Series	OPTIMA-EX[GD] Series
Synthetical description	PLUG
Description	

The OPTIMA-EX[GD] Series plug is designed for environments classified under Group II 2GD, accommodating both gas and dust atmospheres. It supports a rated voltage of 100-130V and a current of 125A, with a 3P+E configuration and a 4h hour position. Operating at frequencies of 50Hz and 60Hz, it features an IP66 protection degree and an impact resistance of 7J. Equipped with mantle terminals and a straight outlet type, this plug is ATEX certified for potentially explosive atmospheres. It is exclusively compatible with ADVANCE-GRP[GD] Series switched interlocked socket outlets and includes a distinctive black ring nut.

Mounting version	PORTABLE

TECHNICAL CHARACTERISTICS

Rated current	125A
Poles	3P+E
Hour position	4h
Rated voltage	100-130V
Working frequency	50Hz
	60Hz
Terminals	Mantle terminals

EX CHARACTERISTICS

Group and categories EX	II 2GD

PHYSICAL CHARACTERISTICS

Mounting version	PORTABLE
Colour	BLACK
Material	THERMOPLASTIC
Protection degree	Splash proof
Protection degree IP	IP66
Impact resistance	7J
Types of available outlets	STRAIGHT
Contact material	CuZn (brass)
Surface treatment contacts	Nickel-plated
Cable entry	CABLE GLAND
Ambient temperature Ta min	-35 °C
Ambient temperature Ta max	60 °C

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Instruction manual

OPTIONS & VARIOUS NOTES

Catalogue notes	ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.
	With black ring nut.
	OPTIMA-EX[GD] plugs can be coupled only with the switched interlocked socket outlets of the ADVANCE-GRP[GD] Series. When in "safe zone" they can be connected to any industrial socket outlet compliance with IEC EN 60309-1 and IEC EN 60309-2.