318.1646.KX

CONNECTOR
16A 3P+E 6h 380-415V 60Hz 50Hz
Screw terminals



* Product image may be indicative

EN IEC 60309-1 (2022)
EN IEC 60309-2 (2022)
Low voltage direct. 2014/35/EU

GENERAL CHARACTERISTICS

Commercial Series	OPTIMA-HD Series
Synthetical description	CONNECTOR
Description	

The OPTIMA-HD Series connector is designed for demanding electrical industrial environments, featuring a rated voltage of 380-415V and a rated current of 16A. This heavy-duty connector offers a 3P+E configuration with a 6h hour position, suitable for both 50Hz and 60Hz working frequencies. It boasts an exceptional protection degree of IP66/IP67/IP69, ensuring superior resistance to dust, water, and high-impact conditions. Equipped with screw terminals, it facilitates secure and efficient connections. The connector is available in a straight outlet type and is noted for its high heat and fire resistance, as well as its robust cage clamp connectors, ensuring durability and reliability in industrial settings.

Mounting version	PORTABLE

TECHNICAL CHARACTERISTICS

Rated current	16A
Poles	3P+E
Hour position	6h
Rated voltage	380-415V
Working frequency	60Hz
	50Hz
Terminals	Screw terminals

PHYSICAL CHARACTERISTICS

Mounting version	PORTABLE
Colour	RED
Material	THERMOPLASTIC
Protection degree	Watertight
Protection degree IP	IP66/IP67/IP69
Protection degree IK	IK10
Types of available outlets	STRAIGHT
Contact material	CuZn (brass)
Cable entry	CABLE GLAND

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Technical drawing [PDF]
Technical drawing [STP]
Technical drawing [DWG]

OPTIONS & VARIOUS NOTES

Notes	HEAVY-DUTY
Catalogue notes	Cage clamp connectors
	High impact resistance
	High heat and fire resistance