

TECHICAL CHARACTERISTICS

	Contacts	High speed quadrax	Ø 1.5 mm	Ø 2.0 mm
ELECTRICAL	Current rating	3 A	10 A	16 A
	Voltage rating	30 V	110 V	220V
	Withstanding voltage	750 V	1500 V	2550 V
	Insulation resistance		≥ 5x10 ³ M	
	Contact resistance	< 3 m	< 2.5 m	< 1.5 m
	Creepage distance	1.7 mm	5 mm	12 mm
	Clearance	1.5 mm	4.5 mm	5 mm
MECHANICAL	Contact retention	200 N	70 N	90 N
	Mating cycles		> 500	
	Locking force		< 170 N	
	Weight of the connector (<i>without contacts</i>)	319 g (P01) - 355 g (A1)	266 g	256 g
	Weight of the contact (<i>male</i>)	35 g	1.5 g	2.5 g
ENVIRONMENTAL	Temperature range	-40° +100°C - 21 days according to NF C 20-711		
	Salt spray	96h - 5% NaCl according to NF C 20-711		
	Fire standards	According to NF F 16-101, NF F 16-102, EN 45545-2:HL3		
	<i>Environmental level</i>	IP50 with the 2 plastic part hood - IP66 with the metallic hood		

ORDERING INFORMATION

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1	2	3	4	5	6	7	8	9

1 ▶ **CONNECTOR FAMILY**

2 ▶ **CONNECTOR TYPE**

EM MALE RECEPTACLE **PM** FEMALE PLUG

3 ▶ **NUMBER OF MODULES**

4 ▶ **ENVIRONMENT**

5 ▶ **ARRANGEMENT**

P 0 1 RECEPTACLE - 7 QUADRAX MALE + 4 PIN CONTACTS

P 0 2 PLUG - 7 QUADRAX FEMALE + 4 SOCKET CONTACTS

P 0 3 RECEPTACLE - 108 PIN CONTACTS

P 0 4 PLUG - 108 SOCKET CONTACTS

P 0 5 RECEPTACLE - 64 PIN CONTACTS

P 0 6 PLUG - 64 SOCKET CONTACTS

A 0 1 RECEPTACLE - 7 QUADRAX MALE, METAL FRAME

6 ▶ **POLARIZATION**

C 0 0 NOT POLARIZED **C 0 1** POLARIZED

7 ▶ **HOUSING - HOOD**

- - - 1 PLUG PLASTIC HOOD, DOUBLE LOCKING SYSTEM

- - - 2 PLUG PLASTIC HOOD, SINGLE LOCKING SYSTEM

E 0 0 0 RECEPTACLE METALIC HOOD, SINGLE LOCKING SYSTEM **A 0 0 0** RECEPTACLE METALIC HOOD, DOUBLE LOCKING SYSTEM

8 ▶ **CABLE CLAMP**

0 WITHOUT CABLE CLAMP **1** SINGLE CABLE CLAMP **2** DOUBLE CABLE CLAMPS

9 ▶ **GOLD CONTACT PLATING**