Circular connectors • EPIC® SIGNAL M23 Inserts

















EPIC® SIGNAL M23 Inserts 12 pole

Inserts for M23 circular connectors













EPIC® SIGNAL M23 Inserts 16 pole

Inserts for M23 circular connectors













Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000438 ETIM 5.0/6.0 Class-Description: Contact insert for industrial connectors



Rated voltage (V)

according to IEC 61984: 100 V

Rated impulse voltage 1.5 kV







Contact resistance

< 4 mOhm



Contacts Gold-plated brass

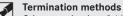


Number of contacts EPIC® SIGNAL M23 Inserts 12 pole

EPIC® SIGNAL M23 Inserts 16 pole

16





Crimp termination: 0.14 - 1.0 mm² Solder termination: up to 1.0 mm²







VDE-tested

Certified production control: VDE-REG. no. C24 (according to EN 61984, SELV according to DIN VDE 0100-410 has to be guaranteed) UL File Number: E249137



Temperature range

-25°C up to +125°C

Suitable housing

- EPIC® SIGNAL M23 A1 Page 639
- EPIC® SIGNAL M23 A1 D3.2 Page 639
- EPIC® SIGNAL M23 A3 Page 639
- EPIC® SIGNAL M23 G4 Page 640
- EPIC® SIGNAL M23 G5 Page 640
- EPIC® SIGNAL M23 G6 Page 640
- EPIC® SIGNAL M23 B1 Page 641
- EPIC® SIGNAL M23 B2 Page 641
- EPIC® SIGNAL M23 D6 Page 643
- EPIC® SIGNAL M23 F6 Page 643
- EPIC® SIGNAL M23 F7 Page 643
- · All inserts fit into all housings

Suitable contacts:

- EPIC® SIGNAL M23 Contacts male Page 649
- EPIC® SIGNAL M23 Contacts female Page 649

Benefits

Universal further processing of the M23 inserts through different packaging units. Fully assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

Application range

- · Plant engineering
- · Measurement and control technology
- · Apparatus construction

Article number	Article description	Inserts	Contacts included	Pin configuration	Pieces / PU
12-pin inserts, P-pa	rt = rotation to the left (plug	side anticlockwise)			
73002712	P-part	Unpopulated		12	5
73002713	P-part	Unpopulated		12	20
73002714	P-part	+ male contacts, solder	12	12	5
73002715	P-part	+ male contacts, solder	12	12	20
73002716	P-part	+ female contacts, solder	12	12	5
73002717	P-part	+ female contacts, solder	12	12	20
12-pin inserts, E-pa	rt = rotation to the right (plu	g side clockwise)			
73002718	E-Part	Unpopulated		12	5
73002719	E-Part	Unpopulated		12	20
73002720	E-Part	+ male contacts, solder	12	12	5
73002721	E-Part	+ male contacts, solder	12	12	20
73002722	E-Part	+ female contacts, solder	12	12	5
73002723	E-Part	+ female contacts, solder	12	12	20
16-pin inserts, P-pa	rt = rotation to the left (plug	site anticlockwise)			
73002700	P-part	Unpopulated		16	5
73002701	P-part	Unpopulated		16	20
73002702	P-part	+ male contacts, solder	16	16	5
73002703	P-part	+ male contacts, solder	16	16	20
73002704	P-part	+ female contacts, solder	16	16	5
73002705	P-part	+ female contacts, solder	16	16	20
16-pin inserts, E-pa	rt = rotation to the right (plu	g side clockwise)			
73002706	E-Part	Unpopulated		16	5
73002707	E-Part	Unpopulated		16	20
73002708	E-Part	+ male contacts, solder	16	16	5
73002709	E-Part	+ male contacts, solder	16	16	20
73002710	E-Part	+ female contacts, solder	16	16	5
73002711	E-Part	+ female contacts, solder	16	16	20

The inserts are suitable for both male and female contacts. For a complete connection, you will need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs and graphics are not to scale and do not represent detailed images of the respective products.