

EPIC® POWER LS1 D6 3+PE+4 K TW 10.5-15.5

Article No.: 24441273

Cable connector; M 23 power; Socket; Number of contacts: 3+PE+4; Clamping range (min./max.): 0.413in - 0.61in



Details

Application

- Plant engineering

Notes

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

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

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Remarks

Technical Data

General information

Brand

EPIC®

Product type	Cable connector
Scope of delivery	including contacts
Contacts included	Yes
Delivery Unit	5

Electrical parameters

Rated current power contact	26 A according to IEC
Rated current signal contact	7 A according to IEC
Overvoltage category	III

Product design

Number of contacts	3+PE+4
Number of power contacts	3
Number of PE contacts	1
Number of signal contacts	4
Diameter connector	1.102 in
Total length	3.189 in
Contact variant	Socket
Connector housing design	Straight
Coded	No
With thread	No
With protective conductor	Yes
Leading PE contact	Yes
Format of connector	M 23 power
Connector type	Socket
Screen contact	Yes
EMC shielding	Yes
Min. cable clamping range	0.413 in
Cable clamping range max.	0.61 in
Connection type conductor	Crimp termination
PE connection type	Crimp termination
Shield contact type	Terminal Connection
Stripping length, power contact	8 mm

Stripping length, signal contact	6,5 mm
Stripping length of the jacket	1.772 in
Stripping length of PE	0.315 in
Connectable conductor cross section min. (AWG)	26 AWG
Max. connectable conductor cross-section AWG	14 AWG
Connectable conductor cross-section for power contacts min. (mm ²)	0.5 mm ²
Connectable conductor cross-section for power contacts max. (mm ²)	2.5 mm ²
Connectable conductor cross-section for signal contacts min. (mm ²)	0.14 mm ²
Connectable conductor cross-section for signal contacts max. (mm ²)	1 mm ²
Material cable gland	Fluorinated rubber
Cable gland material, short form	FKM
Housing main material	Zinc alloy
Housing base material, short form	Zn
Housing coating	Nickel-plated
Coating housing shortname	Ni
Material contact	Brass
Contact material, short form	CuZn
Contact coating material	Gold-plated
Contact coating material, short form	Au
Contact insert material	Polyamide
Material contact insert shortname	PA
Seal type	Sealing ring
Material sealing	Fluorinated rubber
Colour description	green
Colour housing	silver

Product features

Min. number of insertion cycles	500
Protection rating (IP), mounted	IP 2X

IP protection rating mounted	IP 68 - 1m (10h)
Pollution degree	3
Operating temperature min. static (no plugging or unplugging)	-40 °C
Operating temperature max.	-25 °C
Operation temperature max.	125 °C
Corrosion-resistant according to corrosion resistant	DIN EN 60068-2-60, Ke 4
Halogenfree	Yes
Impact proof	No
Vibration protection	Yes

Certifications and standards

CE marking	Yes
UR recognized	No
cUR recognized	No
CSA certified	No
VDE certified	Yes
VDE registration number	B25
Product standard according to IEC	IEC 61984

EPIC® POWER LS1 D6 TWIST

Article No.	Name	Number of contacts	Contacts included	Min. cable clamping range	Cable clamping range max.	Delivery Unit	Number of power contacts	Number of PE contacts	Connectable conductor cross-section for power contacts min. (mm ²)	Connectable conductor cross-section for power contacts max. (mm ²)	Number of signal contacts	Connectable conductor cross-section for signal contacts min. (mm ²)	Connectable conductor cross-section for signal contacts max. (mm ²)
24441263	EPIC® POWER LS1 D6 5+PE K TWIST 8.5-11	5+PE	Yes	0.335 in	0.433 in	5	5	1	0.5 mm ²	2.5 mm ²	0		
24441265	EPIC® POWER LS1 D6 5+PE K TWIST 10.5-15.5	5+PE	Yes	0.413 in	0.61 in	5	5	1	0.5 mm ²	2.5 mm ²	0		
24441267	EPIC® POWER LS1 D6 5+PE K TWIST 7.5-15.5	5+PE	Yes	0.295 in	0.61 in	5	5	1	0.5 mm ²	2.5 mm ²	0		
24441268	EPIC® POWER LS1 D6 5+PE TWIST 7.5-15.5	5+PE	No	0.295 in	0.61 in	20	5	1	0.5 mm ²	4 mm ²	0		
24441269	EPIC® POWER LS1 D6 5+PE K TWIST 14-17	5+PE	Yes	0.551 in	0.669 in	5	5	1	4 mm ²	4 mm ²	0		
24441273	EPIC® POWER LS1 D6 3+PE+4 K TW 10.5-15.5	3+PE+4	Yes	0.413 in	0.61 in	5	3	1	0.5 mm ²	2.5 mm ²	4	0.14 mm ²	1 mm ²
24441275	EPIC® POWER LS1 D6 3+PE+4 K TW 7.5-15.5	3+PE+4	Yes	0.295 in	0.61 in	5	3	1	0.5 mm ²	2.5 mm ²	4	0.14 mm ²	1 mm ²
24441277	EPIC® POWER LS1 D6 3+PE+4 K TWIST 14-17	3+PE+4	Yes	0.551 in	0.669 in	5	3	1	4 mm ²	4 mm ²	4	0.14 mm ²	1 mm ²

V1.1