EPIC® POWER LS1.5 D6 3+PE+4 9,0-14,0 (1)

Article No.: 44429313

Cable connector; M 40; Socket; Number of contacts: 3+PE+4; Clamping range (min. /max.): 9mm - 14mm



Details

Benefits

- more power for servo motors
- Vibration-proof rugged design
- EMC version for cables with large cross-sections

Application

- Plant engineering
- Servo drives and servo assemblies

Notes

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

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

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Remarks

Technical Data

General information

Brand	EPIC®
Product type	Cable connector
Scope of delivery	Order contacts separately
Contacts included	No
Weight	0.385 kg
Delivery Unit	1
customs code	85369010

Electrical parameters

Rated voltage power contact	630 V AC rms / DC according to IEC to 3
Rated voltage signal contact	250 V AC rms / DC according to IEC to 4
Rated impulse voltage power contact	6 kV AC rms / DC according to IEC 61984 to 3
Rated impulse voltage signal contact	4 kV AC rms / DC according to IEC 61984 to 4
Rated current power contact	70 A according to IEC
Rated current signal contact	30 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
Locking type	Screw lock
Connector diameter	46 mm
Overall height	105.3 mm
Contact variant	Socket
Connector housing design	Straight
Coded	No

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With thread	No
With protective earth	Yes
Connector format	M 40
Connector type	Socket
Shield contact	Yes
EMC shielding	Yes
Min. cable clamping range	9 mm
Max. cable clamping range	14 mm
Conductor connection type	Crimp termination
PE connection type	Crimp termination
Screen contact type	Terminal connection
Stripping length, power contact	10 mm
Stripping length, signal contact	8 mm
Stripping length of the sheathing	62 mm
Stripping length of PE connection	10 mm
Min. connectable conductor cross-section AWG	22 AWG
Max. connectable conductor cross-section AWG	8 AWG
Min. connectable conductor cross-section of power contacts (mm2)	1 mm^2
Max. connectable conductor cross-section of power contacts (mm2)	10 mm^2
Min. connectable conductor cross-section of signal contacts (mm2)	0.25 mm^2
Max. connectable conductor cross-section of signal contacts (mm2)	4 mm^2
Housing base material	Zinc alloy
Housing base material, short form	Zn
Housing coating	Nickel-plated
Housing coating, short form	Ni
Contact material	Brass
Contact material, short form	CuZn
Contact coating material	Gold-plated
Contact coating material, short form	Au
Seal type	Sealing ring

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Sealing material	Fluorinated rubber
Colour	black
Housing colour	silver

Product features

Min. number of insertion cycles	100
Protection class (IP), mounted	IP 2X
IP protection class plugged in	IP 67
Pollution degree	3
Operating temperature min.	-40 °C
Operating temperature max.	125 °C
Corrosion-resistant	Yes
Halogen-free	No
Impact-resistant	Yes
Vibration protection	Yes

Certifications and standards

CE marking	Yes
EAC-certified	Not required
EAC certification number	Отказное письмо № 39
UR recognised	No
cUR recognised	No
CSA certified	No
VDE certified	No
Product standard according to IEC	IEC 61984

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EPIC® POWER LS1.5 D6

Article No.	Name	Number of contacts	Min. cable clamping range	Max. cable clamping range	Number of power contacts	Number of PE contacts	Number of signal contacts	Delivery Unit
44429310	EPIC® POWER LS1.5 D6 3+PE+2 9,0-14,0 (1)	3+PE+2	9 mm	14 mm	3	1	2	1
44429311	EPIC® POWER LS1.5 D6 3+PE+2 14,0-20,5 (1)	3+PE+2	14 mm	20.5 mm	3	1	2	1
44429312	EPIC® POWER LS1.5 D6 3+PE+2 20,5-26,5 (1)	3+PE+2	20.5 mm	26.5 mm	3	1	2	1
44429313	EPIC® POWER LS1.5 D6 3+PE+4 9,0-14,0 (1)	3+PE+4	9 mm	14 mm	3	1	4	1
44429314	EPIC® POWER LS1.5 D6 3+PE+4 14,0-20,5 (1)	3+PE+4	14 mm	20.5 mm	3	1	4	1
44429315	EPIC® POWER LS1.5 D6 3+PE+4 20,5-26,5 (1)	3+PE+4	20.5 mm	26.5 mm	3	1	4	1

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