

EPIC® POWER LS1.5 D6 3+PE+2 14,0-20,5 (1)**Article No.:** 44429311

Cable connector; M 40; Socket; Number of contacts: 3+PE+2; Clamping range (min./max.): 0.551in - 0.807in

**Details****Application**

- Plant engineering

Notes

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.

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.

Remarks**Technical Data****General information**

Brand

EPIC®

Product type	Cable connector
Scope of delivery	Order contacts separately
Contacts included	No
Delivery Unit	1

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 2
Rated surge voltage power contact	6 kV AC rms / DC according to IEC 61984 to 3
Rated surge voltage signal contact	4 kV AC rms / DC according to IEC 61984 to 2
Rated current power contact	70 A according to IEC
Rated current signal contact	30 A according to IEC
Rated current	70 A according to IEC
Overvoltage category	III

Product design

Number of contacts	3+PE+2
Number of power contacts	3
Number of PE contacts	1
Number of signal contacts	2
Locking mechanism	Screw lock
Diameter connector	1.811 in
Overall height	4.146 in
Contact variant	Socket
Connector housing design	Straight
Coded	No
With thread	No
With protective conductor	Yes
Format of connector	M 40
Connector type	Socket
Screen contact	Yes

EMC shielding	Yes
Min. cable clamping range	0.551 in
Cable clamping range max.	0.807 in
Connection type conductor	Crimp termination
PE connection type	Crimp termination
Shield contact type	Terminal Connection
Stripping length, power contact	10 mm
Stripping length, signal contact	8 mm
Stripping length of the jacket	2.441 in
Stripping length of PE	0.394 in
Connectable conductor cross section min. (AWG)	22 AWG
Max. connectable conductor cross-section AWG	8 AWG
Connectable conductor cross-section for power contacts min. (mm ²)	1 mm ²
Connectable conductor cross-section for power contacts max. (mm ²)	10 mm ²
Connectable conductor cross-section for signal contacts min. (mm ²)	0.25 mm ²
Connectable conductor cross-section for signal contacts max. (mm ²)	4 mm ²
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
Seal type	Sealing ring
Material sealing	Fluorinated rubber
Colour description	black
Colour housing	silver

Product features

Min. number of insertion cycles	100
Protection rating (IP), mounted	IP 2X
IP protection rating mounted	IP 67
Pollution degree	3
Operating temperature max.	-40 °C
Operation temperature max.	125 °C
corrosion resistant	Yes
Halogenfree	No
Impact proof	Yes
Vibration protection	Yes

Certifications and standards

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

EPIC® POWER LS1.5 D6

Article No.	Name	Number of contacts	Min. cable clamping range	Cable clamping range max.	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	0.354 in	0.551 in	3	1	2	1
44429311	EPIC® POWER LS1.5 D6 3+PE+2 14,0-20,5 (1)	3+PE+2	0.551 in	0.807 in	3	1	2	1
44429312	EPIC® POWER LS1.5 D6 3+PE+2 20,5-26,5 (1)	3+PE+2	0.807 in	1.043 in	3	1	2	1
44429313	EPIC® POWER LS1.5 D6 3+PE+4 9,0-14,0 (1)	3+PE+4	0.354 in	0.551 in	3	1	4	1
44429314	EPIC® POWER LS1.5 D6 3+PE+4 14,0-20,5 (1)	3+PE+4	0.551 in	0.807 in	3	1	4	1
44429315	EPIC® POWER LS1.5 D6 3+PE+4 20,5-26,5 (1)	3+PE+4	0.807 in	1.043 in	3	1	4	1

V1.1