Cable connector - SH-8EPC58A8LB4S - 1621530

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Cable connector, straight long, shielded: yes, SPEEDCON locking, M23, No. of pos.: 4+4+4+PE / 3+N+PE, type of contact: Pin, Crimp connection, cable diameter range: 7.5 mm ... 9 mm

Your advantages

- Transmission of signals, data, and power in just a single connector
- CAT5 data interface for up to 100 Mbps
- Reduced connection time with optional SPEEDCON fast locking system
- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable connection solutions in the industrial environment

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 936538
GTIN	4046356936538

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 130 °C

Data of the insulating body

Note	Order information: Crimp contacts, 4x Ø 0.8 mm, 4x Ø 1 mm, 5x Ø 2 mm, order separately
Protection against electric shock	IEC 61984 and VDE 0623
Data rate	100 Mbps
Coding	N
Insulator material	PA 6.6
Insertion/withdrawal cycles mechanical	100
Contact connection method	Crimp connection
Type of contacts	Pin

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Technical data

Data of the insulating body

Application	Hybrid
Number of positions	13
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm²
Litz wire cross section of power contacts max.	4 mm²
Nominal current per power contact at 25°C	30 A
Rated surge voltage	6 kV
Rated voltage (II/3) power contact	850 V DC
Rated voltage (III/3) power contact	630 V AC
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm²
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact at 25°C	8 A
Rated surge voltage	1.5 kV
Rated voltage (III/3) signal contact	50 V
Contact diameter, data contacts	0.8 mm
Litz wire cross section, data contacts, min.	0.08 mm²
Litz wire cross section, data contacts, max.	0.5 mm²
Nominal current per data contact at 25°C	3.6 A
Nominal voltage of data contact	50 V
Rated surge voltage	1.5 kV
Rated voltage (III/3) data contact	50 V

Housing data

Note	The suitability for assembly must be checked when fully assigned with maximum wire cross sections.
Housing material	Metal
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
	IP68
	IP69K
Thread type	M23

Cable seal data

Cable diameter	7.5 mm ... 9 mm
Sealing material	FKM

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

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Approvals

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EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

EAC		B.01742

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E153698-20181206

Nominal voltage UN	600 V
Nominal current IN	24 A
mm²/AWG/kcmil	12

cUL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E153698-20181206

Nominal voltage UN	600 V
Nominal current IN	21.4 A
mm²/AWG/kcmil	12

cULus Recognized	

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