

ES-HSC20-P-10 01 SN - Connector



1699690

<https://www.phoenixcontact.com/us/products/1699690>

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Stacked connector, male connector metal terminal block, tin-plated, suitable for 10 mm² wiring

Commercial data

Item number	1699690
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AB04
Product key	ABLDBA
GTIN	4067923266414
Weight per piece (including packing)	7.6 g
Weight per piece (excluding packing)	7.6 g
Customs tariff number	85366990
Country of origin	CN

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Technical data

Product properties

Product type	Connectors for energy storage
Product family	HSC
Number of positions	4

Electrical properties

Rated surge voltage	8 kV
Rated current	60 A
Contact resistance	$\leq 0.5 \text{ m}\Omega$
Insulation resistance	1000 M Ω

Connection data

Connection method	Crimp
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Material specifications

Color	silver
Contact surface	Sn

Cable/line

Cable cross section	10 mm ²
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	100
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (incl. temperature increase)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	$\leq 4000 \text{ m}$

Standards and regulations

Standards/specifications	TÜV (PPP 51090B)
	UL 4128

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Classifications

ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

ETIM

ETIM 10.0	EC000796
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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