

ES-FT-HSC20-S-1 AG - Connector



1524939

<https://www.phoenixcontact.com/us/products/1524939>

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Connector, Range of articles: HSC, color: silver, number of positions: 14, min. conductor cross-section: 0.14 mm², max. conductor cross-section: 1.5 mm², rated current: 8 A, Connection method: Crimp

Commercial data

Item number	1524939
Packing unit	200 pc
Minimum order quantity	200 pc
Sales key	AB04
Product key	ABLDBA
GTIN	4063151992194
Weight per piece (including packing)	0.771 g
Weight per piece (excluding packing)	0.6 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	14

Insulation characteristics

Degree of pollution	2
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Electrical properties

Rated surge voltage	8 kV
Rated surge voltage (II/2)	150 V
Rated current	8 A
Contact resistance	$\leq 15 \text{ m}\Omega$
Insulation resistance	1000 M Ω

Connection data

Connection method	Crimp
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Material specifications

Color	silver
Contact surface material	Ag/Sn (tarnish protection)

Cable/line

Single wire, cross section	0.14 mm ² 1.5 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
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	$\leq 4000 \text{ m}$

Standards and regulations

Standards/specifications	TÜV (PPP 51090B)
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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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