

ST-SILA500 - Fuse plug



0920290
<https://www.phoenixcontact.com/us/products/0920290>

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Fuse plug, nom. voltage: 500 V, nominal current: 6.3 A, connection method: Plug-in connection, width: 9.9 mm, height: 45.4 mm, color: black

Commercial data

Item number	0920290
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	BE19
Product key	BE1Z3X
GTIN	4017918010188
Weight per piece (including packing)	9.62 g
Weight per piece (excluding packing)	9.04 g
Customs tariff number	85369095
Country of origin	PL

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Technical data

Product properties

Product type	Fuse
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Electrical properties

Nominal current I_N	6.3 A
Fuse	G / 5 x 20 / 5 x 25 / 5 x 30

Connection data

Nominal current	6.3 A
Nominal voltage	500 V

Dimensions

Width	9.9 mm
Height	45.4 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V2
Insulating material group	CTI 600
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0920290>

	CSA			
	Approval ID: 13631			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG
		300 V	10 A	-
				Cross section mm ²
				-

	EAC			
	Approval ID: RU C-DE.BL08.B.00714			

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Classifications

ECLASS

ECLASS-11.0	27141149
ECLASS-12.0	27141149
ECLASS-13.0	27250305

ETIM

ETIM 9.0	EC002018
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UNSPSC

UNSPSC 21.0	39121600
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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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