LPO 35 - Pick-off plug

3270543

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Pick-off plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2- 4 mm^2, color: gray

Commercial data

Item number	3270543
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	BE2
Product key	BE2Z3X
GTIN	4055626229102
Weight per piece (including packing)	8.15 g
Weight per piece (excluding packing)	8.15 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

Product type	Test plug terminal block
Number of positions	1

Connection data

Connection method	Push-in connection
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
	B3
Connection in acc. with standard	IEC 61984
Conductor cross-section rigid	0.14 mm² ... 4 mm²
Cross section AWG	26 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm² ... 4 mm²
Conductor cross-section, flexible [AWG]	26 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² ... 2.5 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm² ... 2.5 mm²
Nominal current	24 A
Maximum load current	24 A (with a 2.5 mm² conductor cross-section)
Nominal voltage	800 V
Nominal cross section	2.5 mm²

Connection cross sections directly pluggable

Conductor cross-section rigid	0.5 mm² ... 2.5 mm²
Conductor cross-section, rigid [AWG]	20 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² ... 2.5 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² ... 2.5 mm²

Dimensions

Width	16 mm
Height	18.3 mm
Depth	70.1 mm

Material specifications

Color	gray (RAL 7042)
Material	PA
Flammability rating according to UL 94	V0
Static insulating material application in cold	-60 °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

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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 (max. operating temperature see derating curve)
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 %

Standards and regulations

Connection in acc. with standard	IEC 61984

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Approvals

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cCSAus
Approval ID: 80174529

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	600 V	20 A	26 - 12	-
C				
	600 V	20 A	26 - 12	-
F				
	800 V	20 A	26 - 12	-
D				
	600 V	5 A	26 - 12	-

DNV
Approval ID: TAE00004TX

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Classifications

ECLASS

ECLASS-13.0	27250304
ECLASS-15.0	27250304

ETIM

ETIM 9.0	EC002555

UNSPSC

UNSPSC 21.0	20122000

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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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