

New product 2021

EZVAC 
The easy way to connect your wires

by

Plug in 

THE PIONNEERING CONNECTION TECHNOLOGY FOR HERMETIC FEEDTHROUGHS



Equipped with **Weidmüller** 
Omnimate[®] spring terminals
P/N.: EZVACD15LSF-B-F/F

STRIP THE WIRE, PUSH IN = DONE RIGHT
JUST A SMALL SCREWDRIVER, NO EXTRA TOOL
NO CONNECTOR = FAST, SAFE, RELIABLE AND VERSATILE
NO LIMIT TO YOUR CREATIVITY AND APPLICATIONS
UP TO 50% TIME SAVING WITH PUSH IN TECHNOLOGY
INEXPENSIVE PRODUCT SOLUTION

AWG 28 TO AWG 16



Plug In Sarl
5, rue du corps franc du Sidobre - F-81210 ROQUECOURBE
Phone : +33 (0)563 82 50 60 - E-mail : quality@plugin.fr

Please visit our web site for our sales network
www.plugin-vacuum.com

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Hermetic feedthrough leakrate	< 1.10 ⁻⁸ mbar l/s	< 1.10 ⁻⁸ atm cc/s	< 7,5.10 ⁻⁹ Torr l/s	< 1.10 ⁻⁹ Pa.m3/s
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System parameters			
Product family	OMNIMATE Signal - series LSF	Wire connection method	PUSH IN
Pitch in mm (P)	3.5 mm	Pitch in inches (P)	0.138 inch
Number of poles	15		
Touch-safe protection acc. to DIN VDE 0470	IP 20	Touch-safe protection acc. to DIN VDE 57106	Safe from finger touch
Volume resistance	1.60 mΩ	Wire connection cross section AWG	AWG 28 to AWG 16

Material data			
Insulating material	LCP GF	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 175	Moisture Level (MSL)	1
UL 94 flammability rating	V-0	Contact material	Copper alloy
		Working Temperature	-40°C / +90°C

Rated and tested data acc. to IEC standard :		IEC 60664-1, IEC 61984	
Rated current, min. number of poles (Tu=20°C)	17.5 A	Rated current, max. number of poles (Tu=20°C)	16 A
Rated current, min. number of poles (Tu=40°C)	17.5 A	Rated current, max. number of poles (Tu=40°C)	14 A
Short-time withstand current resistance	3 x 1s with 80 A		
Rated voltage for surge voltage class / pollution degree II/2	320 V	Rated voltage for surge voltage class / pollution degree III/2	160 V
Rated voltage for surge voltage class / pollution degree III/3	160 V		
Rated impulse voltage for surge voltage class/ pollution degree II/2	2.5 kV	Rated impulse voltage for surge voltage class/ pollution degree III/2	2.5 kV
Rated impulse voltage for surge voltage class/ contamination degree III/3	2.5 kV		

Technical information given by : Weidmüller GmbH & Co. KG

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