bel

POWER | PROTECT | CONNECT

SERIES: B-2828 | DESCRIPTION: LINEAR TRANSFORMER

FEATURES

- UL/CUL Class 2 recognized
- Inherently limited
- No secondary load fusing required
- Vertical chassis mount
- Alternate mounting and termination options available

RoHS REACH COMPLIANCE c ᴿᵁ US

signal TRANSFORMER
a bel group

MODEL	Primary Voltage	Secondary Voltage[1]	Power	Primary Winding	Primary Lead Wire Colors
	typ [V]	typ [V]	max [VA]		
B-2828-120	120	24	40	Single	BK-WH
B-2828-208	208	24	40	Single	BK-RD
B-2828-240	240	24	40	Single	BK-BK
B-2828-277	277	24	40	Single	BK-BN
B-2828-380	380	24	40	Single	BK-BL
B-2828-415	415	24	40	Single	BK-YL
B-2828-480	480	24	40	Single	BK-OR
B-2828-575	575	24	40	Single	BK-GY

Notes:

1. *At full load.*

PART NUMBER KEY

B-2828 - XXX

Product Series
B-2828 = Transformer Chassis Mount Vertical

Model Number

ELECTRICAL

Parameter	Conditions	Min	Typ	Max	Units
Frequency		50		60	Hz
Voltage			24		V
Maximum power			40		VA

SAFETY AND COMPLIANCE

Parameter	Compliant
Safety approvals	UL/CUL recognized 5085-3 Class 2 - File No. E 116583
RoHS	2002/95/EC

MECHANICAL

Parameter	Conditions	Min	Typ	Max	Units
Primary termination style	Female quick connector				
Secondary termination style	Male quick connector				
Insulation System	130°C Class B				
Dimensions	3-1/4 x 2-5/8 x 2				inch
Quick connect size	Standard terminals: 250 x 032				inch
Weight			24.32		oz
Wire size	All leads are 18 AWG stranded 2/64 inch insulation thickness				

MECHANICAL DRAWING
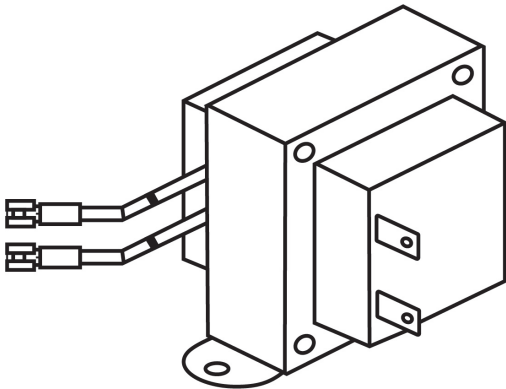
ELECTRICAL DIAGRAM
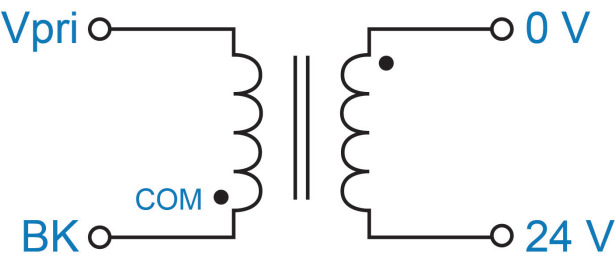
REVISION HISTORY

Rev.	Description	Date
1	initial release	September/07/2024

NUCLEAR AND MEDICAL APPLICATIONS - Products are not designed or intended for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems.

TECHNICAL REVISIONS - The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.

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