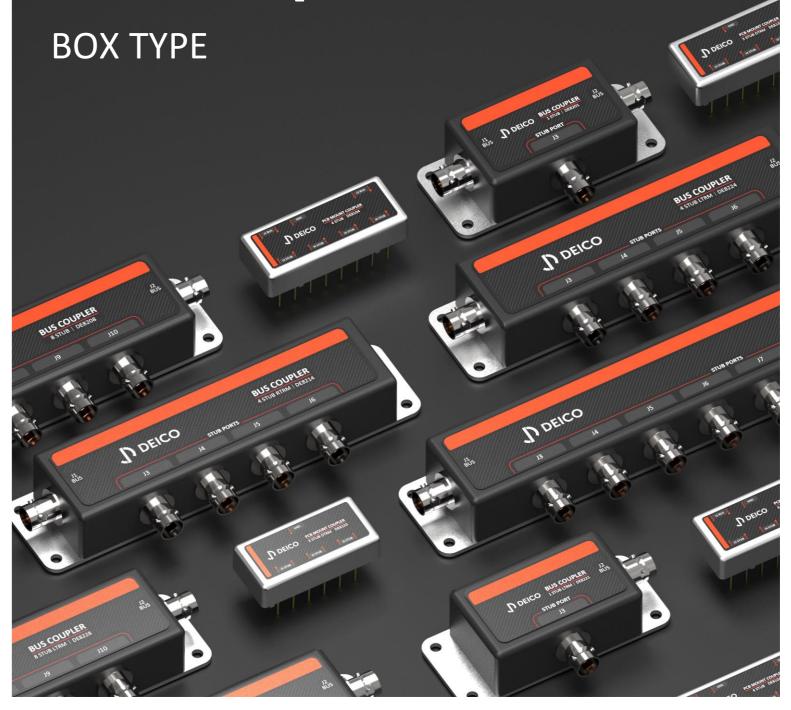


MIL-STD-1553 Bus Couplers





MIL-STD-1553 Box Type Bus Couplers

Product Overview

The MIL-STD-1553 communication bus electrically connects multiple devices to facilitate reliable communication in various platforms, including both military and civil applications.

These bus configurations are built using various components such as cables, bus couplers, terminating resistors and connectors. In a data bus structure, bus couplers play a role in providing shielding, isolation resistance and transformer interfaces for connection points known as stubs. In this respect, bus couplers are the commercial off-the-shelf (COTS) solutions for easier and more reliable wiring.

DEICO bus couplers are designed to provide an economical solution for both platform and professional benchtop test systems. The product offers users the opportunity to have MIL-STD-1553 bus networks through fast delivery options at a fraction of the cost.





Box Type Couplers with 1 Stub						
Product Code	Transformer Ratio	Stub Resistor Value	Termination Type			
DE8201	1:1.41	59 Ohms ±1% 1W	Non-terminated			
DE8211	1:1.41	59 Ohms ±1% 1W	Right side terminated			
DE8221	1:1.41	59 Ohms ±1% 1W	Left side terminated			
Box Type Couplers with 2 Stubs						
Product Code	Transformer Ratio	Stub Resistor Value	Termination Type			
DE8202	1:1.41	59 Ohms ±1% 1W	Non-terminated			
DE8212	1:1.41	59 Ohms ±1% 1W	Right side terminated			
DE8222	1:1.41	59 Ohms ±1% 1W	Left side terminated			
DE8232	1:1.41	59 Ohms ±1% 1W	Dual terminated			
Box Type Couplers v	with 3 Stubs					
Product Code	Transformer Ratio	Stub Resistor Value	Termination Type			
DE8203	1:1.41	59 Ohms ±1% 1W	Non-terminated			
DE8213	1:1.41	59 Ohms ±1% 1W	Right side terminated			
DE8223	1:1.41	59 Ohms ±1% 1W	Left side terminated			
DE8233	1:1.41	59 Ohms ±1% 1W	Dual terminated			
Box Type Couplers with 4 Stubs						
Product Code	Transformer Ratio	Stub Resistor Value	Termination Type			
DE8204	1:1.41	59 Ohms ±1% 1W	Non-terminated			
DE8214	1:1.41	59 Ohms ±1% 1W	Right side terminated			
DE8224	1:1.41	59 Ohms ±1% 1W	Left side terminated			
DE8234	1:1.41	59 Ohms ±1% 1W	Dual terminated			
Box Type Couplers v	with 5 Stubs					
Product Code	Transformer Ratio	Stub Resistor Value	Termination Type			
DE8205	1:1.41	59 Ohms ±1% 1W	Non-terminated			
DE8215	1:1.41	59 Ohms ±1% 1W	Right side terminated			
DE8225	1:1.41	59 Ohms ±1% 1W	Left side terminated			
DE8235	1:1.41	59 Ohms ±1% 1W	Dual terminated			
Box Type Couplers with 6 Stubs						
Product Code	Transformer Ratio	Stub Resistor Value	Termination Type			
DE8206	1:1.41	59 Ohms ±1% 1W	Non-terminated			
DE8216	1:1.41	59 Ohms ±1% 1W	Right side terminated			
DE8226	1:1.41	59 Ohms ±1% 1W	Left side terminated			
DE8236	1:1.41	59 Ohms ±1% 1W	Dual terminated			
Box Type Couplers		Curling state (Males				
Product Code	Transformer Ratio	Stub Resistor Value	Termination Type			
DE8207	1:1.41	59 Ohms ±1% 1W	Non-terminated			
DE8217	1:1.41	59 Ohms ±1% 1W 59 Ohms ±1% 1W	Right side terminated Left side terminated			
DE8227 DE8237	1:1.41	59 Ohms ±1% 1W	Dual terminated			
	1:1.41	23 OHIIII II IV	Dual terrilliateu			
Box Type Couplers		Stub Bosistor Volus	Termination Type			
Product Code DE8208	Transformer Ratio 1:1.41	Stub Resistor Value 59 Ohms ±1% 1W	Termination Type Non-terminated			
DE8218	1:1.41	59 Ohms ±1% 1W	Right side terminated			
DE8218	1:1.41	59 Ohms ±1% 1W	Left side terminated			
DE8238	1:1.41	59 Ohms ±1% 1W	Dual terminated			
DE0230	1.1.41	22 OHIIIS II% IVV	Duai terrimateu			



Box Type Coupler Accessories						
Product Code	Product Description	Product	Product Code	Product Description	Product	
DE8701	Connector, TRB, Male, 500MHZ M17/176- 00002 Compatible, Free Hanging (In-Line) Solder		DE8603	Connector, Male, 3000 OHM TRB Stub Termination, 6 Inch, Chained	Company of the state of the sta	
DE8702	Connector, TRB, Male, 500MHZ M17/176- 00002 Compatible, Free Hanging (In-Line) Solder, Bend Relief		DE8604	Connector, Male, 78 OHM TRB Bus Termination		
DE8801	Twinax cable, 24AWG 77OHM Cable, Shielded, Blue PFA		DE8605	Connector, Male, 78 OHM TRB Bus Termination, 3 Inch, Chained		
DE8501	RFI Dust Cap		DE8606	Connector, Male, 78 OHM TRB Bus Termination, 6 Inch, Chained	Construction of the second	
DE8502	RFI Dust Cap, 3 Inch, Chained	B	DE8607	Connector, Male, 2W, 78 OHM TRB Bus Termination, 4 Inch, Chained	CT The state of th	
DE8503	RFI Dust Cap, 6 Inch, Chained	Company of the Compan	DE8608	Connector, Male, 2W, 3000 OHM TRB Stub Termination, 4 Inch, Chained		
DE8601	Connector, Male, 3000 OHM TRB Stub Termination		-	Custom Cable Assembly	GT TO STATE OF THE	
DE8602	Connector, Male, 3000 OHM TRB Stub Termination, 3 Inch, Chained	(i)				



1. ELECTRICAL SPECIFICATIONS 1.1 COMMON MODE REJECTION: -45.0dB MAX @ 1.0MHz 1.2 DROOP: 20% MAX (250kHz SQUARE WAVE WITH 100ns) 1.3 OVERSHOOT & RINGING: ± 1.0V PEAK (250kHz SQUARE WAVE WITH 100ns) 1.4 STUB VOLTAGE: 1.0V TO 14.0V P-P, LINE TO LINE, SIGNAL VOLTAGE, TRANSFORMER COUPLING 1.5 INPUT IMPEDANCE OF BUS: 3000 QMIN. (75kHz – 1.0MHz), STUB WITH OPEN CIRCUIT 2. MECHANICAL SPECIFICATIONS 2.1 ENCLOSURE MATERIAL: ALUMINUM 2mm THK. 2.2 MOUNTING PLATE MATERIAL: ALUMINUM 2mm THK. 2.3 FINISH: WHITE CHROMATE 2.4 CONNECTORS: BJ770 2.5 RECOMMENDED MATING CONNECTORS: CONNECTORS: TERMINATION: 2.6 RECOMENDED STUB DE8608	IIL-31D	7-1555 Bus Couplers	JAPEICO
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TRANSFORMER COUPLING 1.5 INPUT IMPEDANCE OF BUS: 3000 ΩMIN. (75kHz – 1.0MHz), STUB WITH OPEN CIRCUIT 2. MECHANICAL SPECIFICATIONS 2.1 ENCLOSURE MATERIAL: ALUMINUM 2mm THK. 2.2 MOUNTING PLATE MATERIAL: ALUMINUM 2mm THK. 2.3 FINISH: WHITE CHROMATE 2.4 CONNECTORS: BJ770 2.5 RECOMMENDED MATION CONNECTORS: CONNECTORS: DE8608 2.6 RECOMENDED STUB TERMINATION: DE8607 2.7 RECOMMENDED BUS TERMINATION: DE8607 3. ENVIRONMENTAL SPECIFICATIONS 3.1 HIGH TEMPERATURE OPERATURE OPERATING: WILL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +125°C OPERATING: ALUM TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C OPERATIONS: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C OPERATIONS: ALUM TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C OPERATIONS: ALUM TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C OPERATIONS: ALUM TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C OPERATIONS: ALUM TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C OPERATIONS: ALUM TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C OPERATIONS: ALUM TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C OPERATIONS: ALUM TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: 1 hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis), (Endurance: W0=	1.4	STUB VOLTAGE:	,
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2.3 FINISH: WHITE CHROMATE 2.4 CONNECTORS: BJ770 2.5 RECOMMENDED MATING PL75 CONNECTOR: 2.6 RECOMENDED STUB TERMINATION: DE8608 TERMINATION: DE8607 TERMINATION: DE8607 TERMINATION: DE8607 TERMINATION: DE8607 3. ENVIRONMENTAL SPECIFICATIONS 3.1 HIGH TEMPERATURE OPERATING: OPERATING: DE8607 3.2 LOW TEMPERATURE OPERATING: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +125°C OPERATING: DE8607 3.3 HIGH TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE II, -55°C OPERATING: DE8607 3.4 LOW TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, -55°C MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C OPERATION: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C OPERATION: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C OPERATION: MIL-STD-810G_CHG-1 METHOD 504.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: 1 hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis), (Endurance	2.1	ENCLOSURE MATERIAL:	ALUMINUM 2mm THK.
2.4 CONNECTORS: BJ770 2.5 RECOMMENDED MATING CONNECTOR:	2.2	MOUNTING PLATE MATERIAL:	ALUMINUM 2mm THK.
2.5RECOMMENDED MATING CONNECTOR:PL752.6RECOMENDED STUB TERMINATION:DE86082.7RECOMMENDED BUS TERMINATION:DE86073.1ENVIRONMENTAL SPECIFICATIONS:WIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +125°C3.2LOW TEMPERATURE OPERATING:MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE II, -55°C3.3HIGH TEMPERATURE STORAGE: OPERATING:MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, +125°C3.4LOW TEMPERATURE STORAGE: OPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C3.5VIBRATION: MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis)3.6SHOCK: II ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)	2.3	FINISH:	WHITE CHROMATE
CONNECTOR: 2.6 RECOMENDED STUB TERMINATION: 2.7 RECOMMENDED BUS TERMINATION: 3. ENVIRONMENTAL SPECIFICATIONS 3.1 HIGH TEMPERATURE OPERATING: OPERATING: AUGUST OPERATING: 3.2 LOW TEMPERATURE OPERATURE OPERATING: AUGUST OPERATING: AUGUST OPERATING: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +125°C OPERATING: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, +125°C MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, +125°C MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, -55°C MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, -55°C MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)	2.4	CONNECTORS:	BJ770
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2.7 RECOMMENDED BUS TERMINATION: 3. ENVIRONMENTAL SPECIFICATIONS 3.1 HIGH TEMPERATURE OPERATING: 3.2 LOW TEMPERATURE OPERATING: 3.3 HIGH TEMPERATURE STORAGE: 3.4 LOW TEMPERATURE STORAGE: 3.5 VIBRATION: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +125°C MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, +125°C MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, +125°C CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)	2.6	RECOMENDED STUB	DE8608
3. ENVIRONMENTAL SPECIFICATIONS 3.1 HIGH TEMPERATURE OPERATING: OPERATING: AND A HIGH TEMPERATURE OPERATURE OPERATING: OPERATING: AND A HIGH TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +125°C OPERATING: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +55°C MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, +125°C MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, +125°C MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)		TERMINATION:	
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3.1 HIGH TEMPERATURE OPERATING: 3.2 LOW TEMPERATURE OPERATING: 3.3 HIGH TEMPERATURE STORAGE: 3.4 LOW TEMPERATURE STORAGE: 3.5 VIBRATION: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, +125°C MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, +125°C MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)		TERMINATION:	
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3.2 LOW TEMPERATURE OPERATING: 3.3 HIGH TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, -55°C 3.4 LOW TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, +125°C 3.5 VIBRATION: MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)	3.1	HIGH TEMPERATURE	MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +125°C
OPERATING: 3.3 HIGH TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, +125°C 3.4 LOW TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C 3.5 VIBRATION: MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)		OPERATING:	
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3.4 LOW TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C 3.5 VIBRATION: MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)		OPERATING:	
3.5 VIBRATION: MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I - CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)	3.3	HIGH TEMPERATURE STORAGE:	_
CATEGORY 12, 15Hz TO 2000Hz, (Performance: W0=0.040 and A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)	3.4	LOW TEMPERATURE STORAGE:	MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C
A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)	3.5	VIBRATION:	-
A=0.02, Duration: 1 hour/axis) 3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)			• • • • • • • • • • • • • • • • • • • •
3.6 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V (40g, 11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)			A=0.02, Duration: half hour/axis), (Endurance: W0=0.053 and
11ms, Terminal Peak Sawtooth, Number of shocks: 12, two in each direction of three axes)			A=0.02, Duration: 1 hour/axis)
each direction of three axes)	3.6	SHOCK:	_ , <u>e</u>
·			
3.7 RAIN: MIL-STD-810G METHOD 506.5 PROCEDURE I			each direction of three axes)
	3.7	RAIN:	MIL-STD-810G METHOD 506.5 PROCEDURE I
4. ORDERING INFORMATION			
TYPE 1: PCB TYPE			

2: BOX TYPE

TERMINATION 0: NOT TERMINATED

1: RIGHT SIDE TERMINATED
2: LEFT SIDE TERMINATED

3: DOUBLE/DUAL TERMINATED [NOT OPTIONAL FOR 1 STUB]

NUMBER OF STUBS (1-8 STUB FOR BOX TYPE) – [3-4 STUB FOR PCB TYPE]

EXAMPLE DE8228 - BOX TYPE LEFT SIDE TERMINATED 8 STUBS



DE8201 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS**IMPEDANCE:**

FAULT PROTECTION:

59 OHMS ±1% 1W (R1-R2) IN SERIES WITH

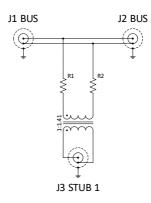
TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:

NOT TERMINATED



Schematics



DE8211 Technical Specifications

CHARACTERISTIC

IMPEDANCE:

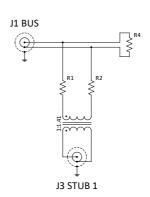
Zo = 78 OHMS

FAULT PROTECTION:

59 OHMS ±1% 1W (R1-R2) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION 78.7 OHMS ±1% 2W (R4) BUS TERMINATION **RESISTOR VALUE:**







DE8221 Technical Specifications

CHARACTERISTIC Zo = 78 OHMS

IMPEDANCE:

59 OHMS ±1% 1W (R1-R2) IN SERIES WITH **FAULT PROTECTION:**

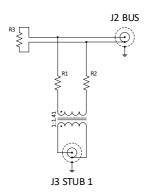
TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:

78.7 OHMS ±1% 2W (R3) BUS TERMINATION



Schematics



DE8202 Technical Specifications

CHARACTERISTIC Zo = 78 OHMS

IMPEDANCE:

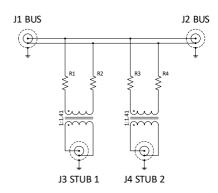
59 OHMS ±1% 1W (R1-R4) IN SERIES WITH **FAULT PROTECTION:**

TRANSFORMER WINDING ON BUS SIDE

TERMINATION

NOT TERMINATED RESISTOR VALUE:







DE8212 Technical Specifications

CHARACTERISTIC Zo = 78 OHMS

IMPEDANCE:

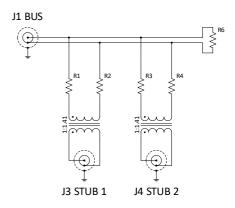
59 OHMS ±1% 1W (R1-R4) IN SERIES WITH **FAULT PROTECTION:** TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:

78.7 OHMS ±1% 2W (R6) BUS TERMINATION



Schematics



DE8222 Technical Specifications

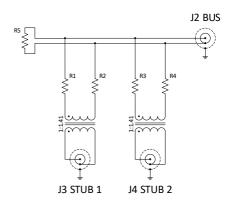
CHARACTERISTIC Zo = 78 OHMS

IMPEDANCE:

59 OHMS ±1% 1W (R1-R4) IN SERIES WITH **FAULT PROTECTION:** TRANSFORMER WINDING ON BUS SIDE

TERMINATION 78.7 OHMS ±1% 2W (R5) BUS TERMINATION **RESISTOR VALUE:**







DE8232 Technical Specifications

CHARACTERISTIC IMPEDANCE:

Zo = 78 OHMS

FAULT PROTECTION:

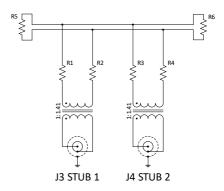
59 OHMS ±1% 1W (R1-R4) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION

78.7 OHMS ±1% 2W (R5, R6) BUS TERMINATION **RESISTOR VALUE:**



Schematics



DE8203 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS**IMPEDANCE:**

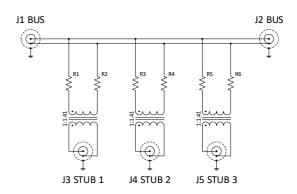
FAULT PROTECTION:

59 OHMS ±1% 1W (R1-R6) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:

NOT TERMINATED







DE8213 Technical Specifications

CHARACTERISTIC IMPEDANCE: ZC

Zo = 78 OHMS

FAULT PROTECTION:

59 OHMS ±1% 1W (R1-R6) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

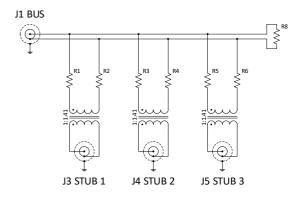
TERMINATION

RESISTOR VALUE: 78.7 OF

78.7 OHMS ±1% 2W (R8) BUS TERMINATION



Schematics



DE8223 Technical Specifications

CHARACTERISTIC

IMPEDANCE: Zo = 78 OHMS

FAULT PROTECTION:

TRANSFORMER WINDING ON BUS SIDE

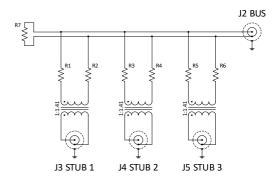
59 OHMS ±1% 1W (R1-R6) IN SERIES WITH

TERMINATION

RESISTOR VALUE:

78.7 OHMS ±1% 2W (R7) BUS TERMINATION







DE8233 Technical Specifications

CHARACTERISTIC IMPEDANCE:

Zo = 78 OHMS

FAULT PROTECTION:

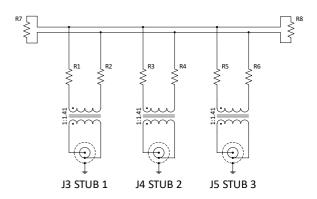
59 OHMS ±1% 1W (R1-R6) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION

78.7 OHMS ±1% 2W (R7, R8) BUS TERMINATION **RESISTOR VALUE:**



Schematics



DE8204 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS**IMPEDANCE:**

FAULT PROTECTION:

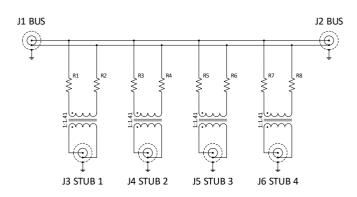
59 OHMS ±1% 1W (R1-R8) IN SERIES WITH

TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:

NOT TERMINATED







DE8214 Technical Specifications

CHARACTERISTIC 70 - 70

IMPEDANCE: Zo = 78 OHMS

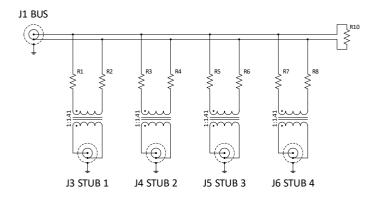
FAULT PROTECTION: 59 OHMS ±1% 1W (R1-R8) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION 7
RESISTOR VALUE:

78.7 OHMS ±1% 2W (R10) BUS TERMINATION



Schematics



DE8224 Technical Specifications

CHARACTERISTICZo = 78 OHMS

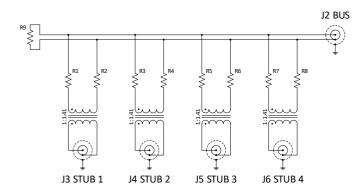
IMPEDANCE: 20 - 78 OTTIVIS

FAULT PROTECTION: 59 OHMS ±1% 1W (R1-R8) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION 78.7 OH

78.7 OHMS ±1% 2W (R9) BUS TERMINATION







DE8234 Technical Specifications

CHARACTERISTIC IMPEDANCE:

Zo = 78 OHMS

FAULT PROTECTION:

59 OHMS ±1% 1W (R1-R8) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

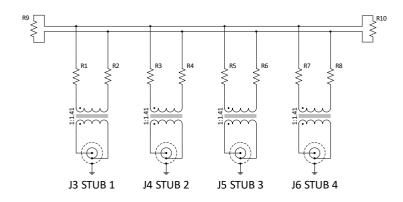
TERMINATION

RESISTOR VALUE:

78.7 OHMS ±1% 2W (R9, R10) BUS TERMINATION



Schematics



DE8205 Technical Specifications

CHARACTERISTIC

IMPEDANCE: Zo = 78 OHMS

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59 OHMS ±1% 1W (R1-R10) IN SERIES WITH

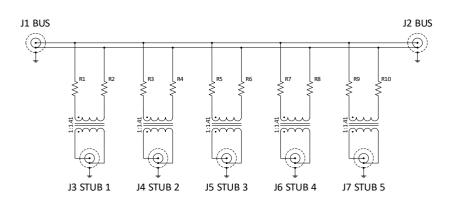
FAULT PROTECTION: TRANSFORMER WINDING ON BUS SIDE

TERMINATION

RESISTOR VALUE:

NOT TERMINATED







DE8215 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS

IMPEDANCE:

59 OHMS ±1% 1W (R1-R10) IN SERIES

FAULT PROTECTION:

WITH TRANSFORMER WINDING ON BUS

SIDE

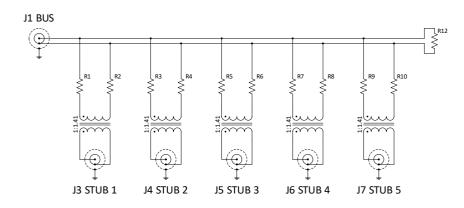
TERMINATION RESISTOR

VALUE:

78.7 OHMS ±1% 2W (R12) BUS TERMINATION



Schematics



DE8225 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS

IMPEDANCE:

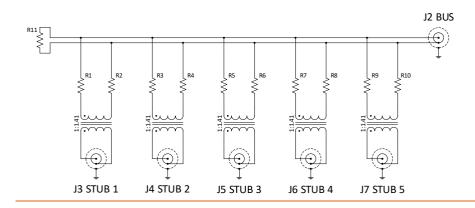
59 OHMS ±1% 1W (R1-R10) IN SERIES WITH

FAULT PROTECTION: TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:

78.7 OHMS ±1% 2W (R11) BUS TERMINATION







DE8235 Technical Specifications

CHARACTERISTIC Zo =

Zo = 78 OHMS

FAULT PROTECTION:

59 OHMS ±1% 1W (R1-R10) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

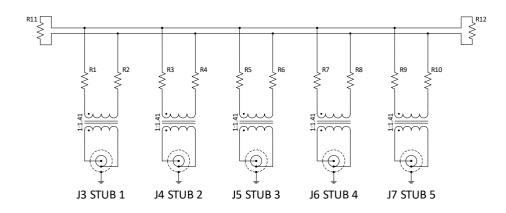
TERMINATION ___

RESISTOR VALUE:

78.7 OHMS ±1% 2W (R11, R12) BUS TERMINATION



Schematics



DE8206 Technical Specifications

CHARACTERISTIC

IMPEDANCE: Zo = 78 OHMS

FAULT PROTECTION:

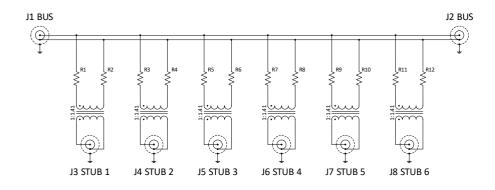
59 OHMS $\pm 1\%$ 1W (R1-R12) IN SERIES WITH

TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:

NOT TERMINATED







DE8216 Technical Specifications

CHARACTERISTIC Zo = 78 OHMS

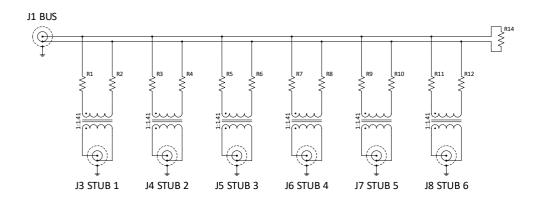
IMPEDANCE: 20 - 78 UNIVIS

FAULT PROTECTION: 59 OHMS ±1% 1W (R1-R12) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:78.7 OHMS ±1% 2W (R14) BUS TERMINATION



Schematics



DE8226 Technical Specifications

CHARACTERISTICZo = 78 OHMS

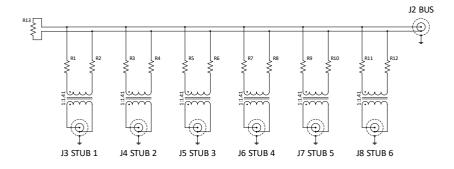
IMPEDANCE: 20 - 78 OTTIVIS

FAULT PROTECTION: 59 OHMS ±1% 1W (R1-R12) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION ____....

RESISTOR VALUE: 78.7 OHMS ±1% 2W (R13) BUS TERMINATION







DE8236 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS

IMPEDANCE:

59 OHMS ±1% 1W (R1-R12) IN SERIES WITH

FAULT PROTECTION:

TRANSFORMER WINDING ON BUS SIDE

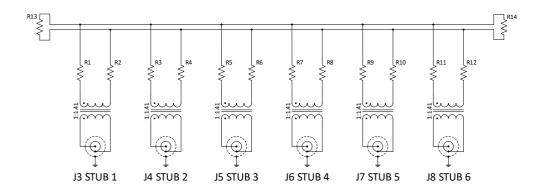
TERMINATION

RESISTOR VALUE:

78.7 OHMS ±1% 2W (R13, R14) BUS TERMINATION



Schematics



DE8207 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS

IMPEDANCE:

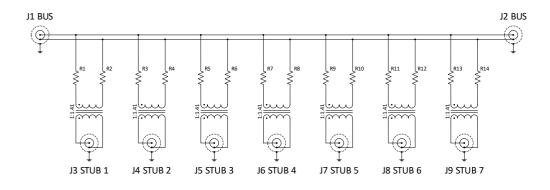
59 OHMS ±1% 1W (R1-R14) IN SERIES WITH

FAULT PROTECTION: TRANSFORMER WINDING ON BUS SIDE

TERMINATION RESISTOR VALUE:

NOT TERMINATED







DE8217 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS**IMPEDANCE:**

59 OHMS ±1% 1W (R1-R14) IN SERIES WITH **FAULT PROTECTION:**

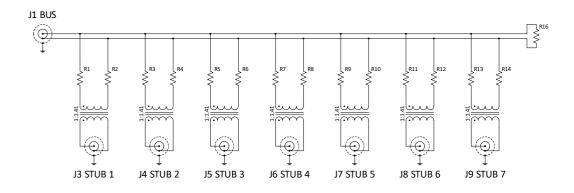
TRANSFORMER WINDING ON BUS SIDE

TERMINATION

78.7 OHMS ±1% 2W (R16) BUS TERMINATION **RESISTOR VALUE:**



Schematics



DE8227 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS**IMPEDANCE:**

FAULT PROTECTION:

TRANSFORMER WINDING ON BUS SIDE

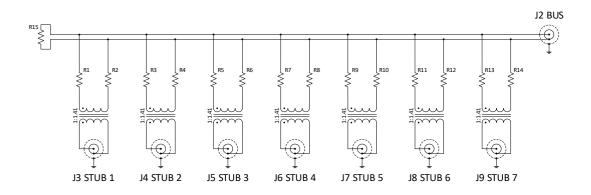
TERMINATION

RESISTOR VALUE:

78.7 OHMS ±1% 2W (R15) BUS TERMINATION

59 OHMS ±1% 1W (R1-R14) IN SERIES WITH







DE8237 Technical Specifications

CHARACTERISTIC

IMPEDANCE:

Zo = 78 OHMS

FAULT PROTECTION:

59 OHMS ±1% 1W (R1-R14) IN SERIES WITH

ECTION: TRANSFORMER WINDING ON BUS SIDE

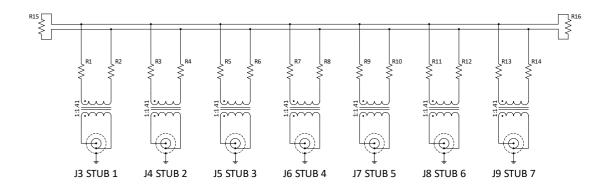
TERMINATION

RESISTOR VALUE:

78.7 OHMS ±1% 2W (R15, R16) BUS TERMINATION



Schematics



DE8208 Technical Specifications

CHARACTERISTIC

FAULT PROTECTION:

Zo = 78 OHMS

IMPEDANCE:

59 OHMS ±1% 1W (R1-R16) IN SERIES WITH

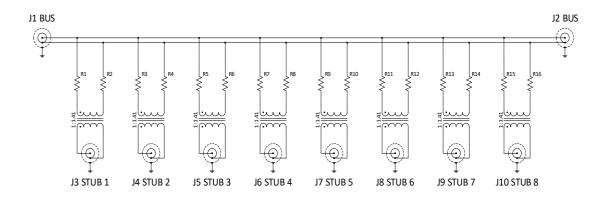
TRANSFORMER WINDING ON BUS SIDE

TERMINATION

RESISTOR VALUE:

NOT TERMINATED







DE8218 Technical Specifications

CHARACTERISTIC Zo = 78 OHMS

IMPEDANCE:

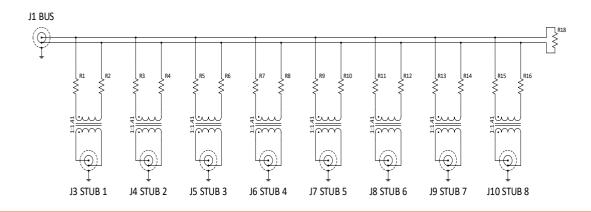
59 OHMS ±1% 1W (R1-R16) IN SERIES WITH **FAULT PROTECTION:** TRANSFORMER WINDING ON BUS SIDE

TERMINATION 78.7 OHMS ±1% 2W (R18) BUS TERMINATION

RESISTOR VALUE:



Schematics



DE8228 Technical Specifications

CHARACTERISTIC Zo = 78 OHMS

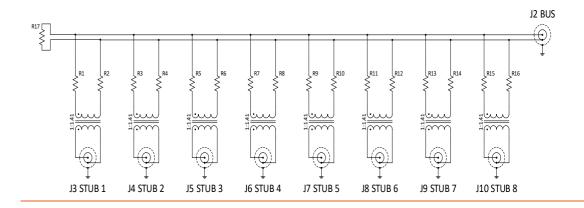
IMPEDANCE:

59 OHMS ±1% 1W (R1-R16) IN SERIES WITH **FAULT PROTECTION:** TRANSFORMER WINDING ON BUS SIDE

TERMINATION

78.7 OHMS ±1% 2W (R17) BUS TERMINATION **RESISTOR VALUE:**







DE8238 Technical Specifications

CHARACTERISTIC

Zo = 78 OHMS

IMPEDANCE: FAULT PROTECTION:

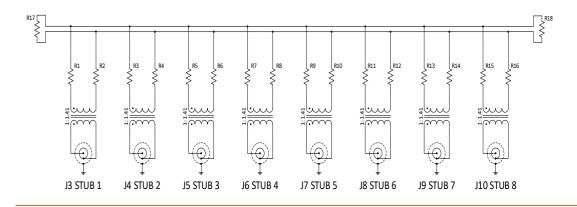
59 OHMS ±1% 1W (R1-R16) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE

TERMINATION

RESISTOR VALUE:

78.7 OHMS ±1% 2W (R17, R18) BUS TERMINATION







Contact

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