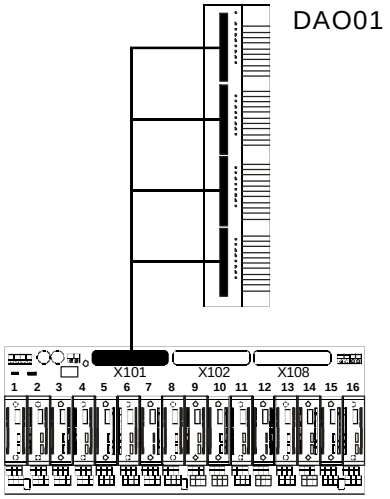
Chapter 6 - AnalogueOutput

6.1 Analogue Output, 16Channels

6.1.1 Interconnection andChannelAssignmentfor Channel 0 ... 15



Contrans I Backplane	***Freelance DAO01***
Slot1----------	Channel 0
Slot2----------	Channel 1
Slot3----------	Channel 2
Slot4----------	Channel 3
Slot5----------	Channel 4
Slot6----------	Channel 5
Slot7----------	Channel 6
Slot8----------	Channel 7
Slot9----------	Channel 8
Slot10 ----------	Channel 9
Slot11 ----------	Channel10
Slot12 ----------	Channel 11
Slot13 ----------	Channel12
Slot14 ----------	Channel13
Slot15 ----------	Channel14
Slot16 ----------	Channel15

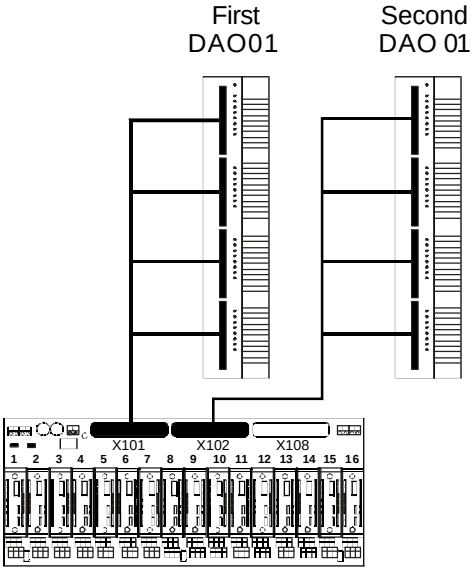
6.1.2 ContransIModules, Backplanes andSystem Cables

Contrans I Modules	Output short circuit proofed	Channel / Module	Channel / Backplane	Load increasing	Electrical Isolation Input / Output	Electrical Isolation Chanel to Channel	Electrical Isolation Signal to HART	Intrinsically Safe	HART communication	Backplane V17111-321	Backplane V17111-322	Backplane V17111-351	Backplane V17111-320	System Cable 0336331	System Cable 0336332	System Cable 0336333	System Cable 0336334	System Cable 0336335	System Cable 9700140	FSK-Bus Amplifier at X 102	FSK Bus Amplifier at X 103
V17153-11	x	1	16		x	x				x	x								x		
V17153-210	x	1	16	x	x	x				x	x							x			
V17153-220	x	1	16	x	x	x			x	x	x							x		x	
V17153-420	x	1	16	x	x	x	x		x	x	x								x		x
V17153-51	x	1	16		x	x		x		x	x	x						x			
V17153-52	x	1	16		x	x		x	x	x	x	x						x		x	
V17153-610	x	1	16	x	x	x		x		x	x	x						x			
V17153-620	x	1	16	x	x	x		x	x	x	x	x						x		x	
V17153-820	x	1	16	x	x	x	x	x	x	x	x	x							x		x

Chapter 6 - AnalogueOutput

6.2 Analogue Output, 32Channels

6.2.1 Interconnection andChannelAssignmentfor 2 times Channel 0 ... 15



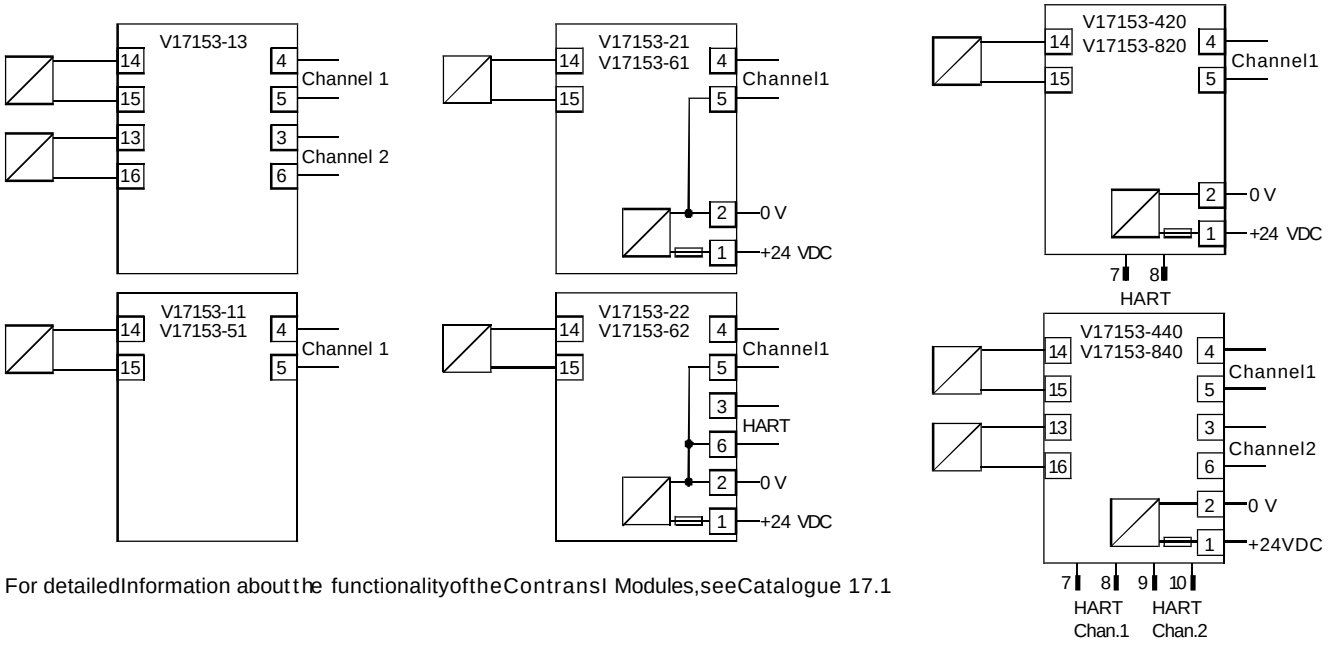
ContransI Backplane	***Freelance First DAO01***	***Contrans I Backplane***	***Freelance Second DAO01***
Output Signals :		***RedundantSignals :***	
Slot 1	Channel 0	Slot 1	Channel 0
Slot 2	Channel 1	Slot 2	Channel 1
Slot 3	Channel 2	Slot 3	Channel 2
Slot 4	Channel 3	Slot 4	Channel 3
Slot 5	Channel 4	Slot 5	Channel 4
Slot 6	Channel 5	Slot 6	Channel 5
Slot 7	Channel 6	Slot 7	Channel 6
Slot 8	Channel 7	Slot 8	Channel 7
Slot 9	Channel 8	Slot 9	Channel 8
Slot 10	Channel 9	Slot 10	Channel 9
Slot 11	Channel 10	Slot 11	Channel 10
Slot 12	Channel 11	Slot 12	Channel 11
Slot 13	Channel 12	Slot 13	Channel 12
Slot 14	Channel 13	Slot 14	Channel 13
Slot 15	Channel 14	Slot 15	Channel 14
Slot 16	Channel 15	Slot 16	Channel 15

6.2.2 ContransIModules, Backplanes andSystem Cables

Contrans I Modules	Output short circuit proofed	Channel / Module	Channel / Backplane	Load increasing	Electrical Isolation Input / Output	Electrical Isolation Chanel to Channel	Electrical Isolation Signal to HART	Intrinsically Safe	HART communication	Backplane V17111-321	Backplane V17111-322	Backplane V17111-351	Backplane V17111-320	System Cable 0336331	System Cable 0336332	System Cable 0336333	System Cable 0336334	System Cable 0336335	System Cable 9700140	FSK-Bus Amplifier at X 102	FSK Bus Amplifier at X 108
V17153-13	x	1	32		x	x				x	x								2x		
V17153-440*	x	1	32	x	x	x	x		x	x	x								2x		x
V17153-840	x	1	32	x	x	x	x	x	x	x	x	x							2x		x

* : Available with NL request !

6.3 FunctionalDrawingsofAnalogue Outputs

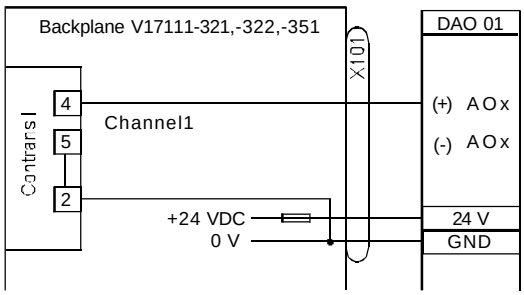


For detailedInformation aboutthe functionalityoftheContransI Modules,seeCatalogue 17.1

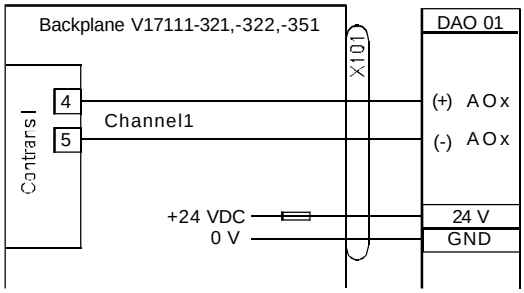
Chapter 6 - AnalogueOutput

6.4 Wiring Diagrams ofAnalogueOutputs

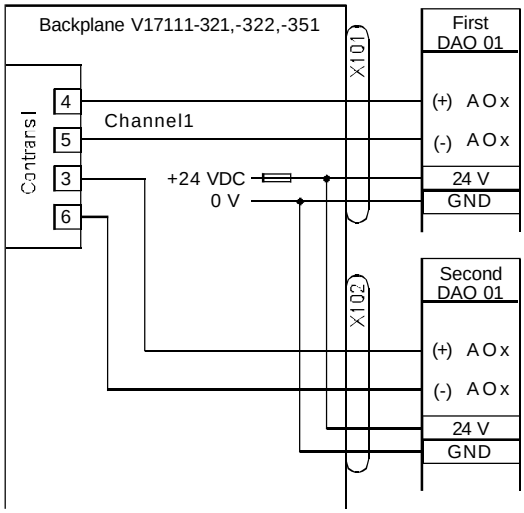
6.4.1 Analogue Output, 16Channels with System Cable 0336335



6.4.2 Analogue Output, 16Channels with System Cable 9700140



6.4.3 Analogue Output, 32Channels with System Cables 9700140



For detailedInformation aboutthe functionalityoftheContransI Modules,seeCatalogue 17.1