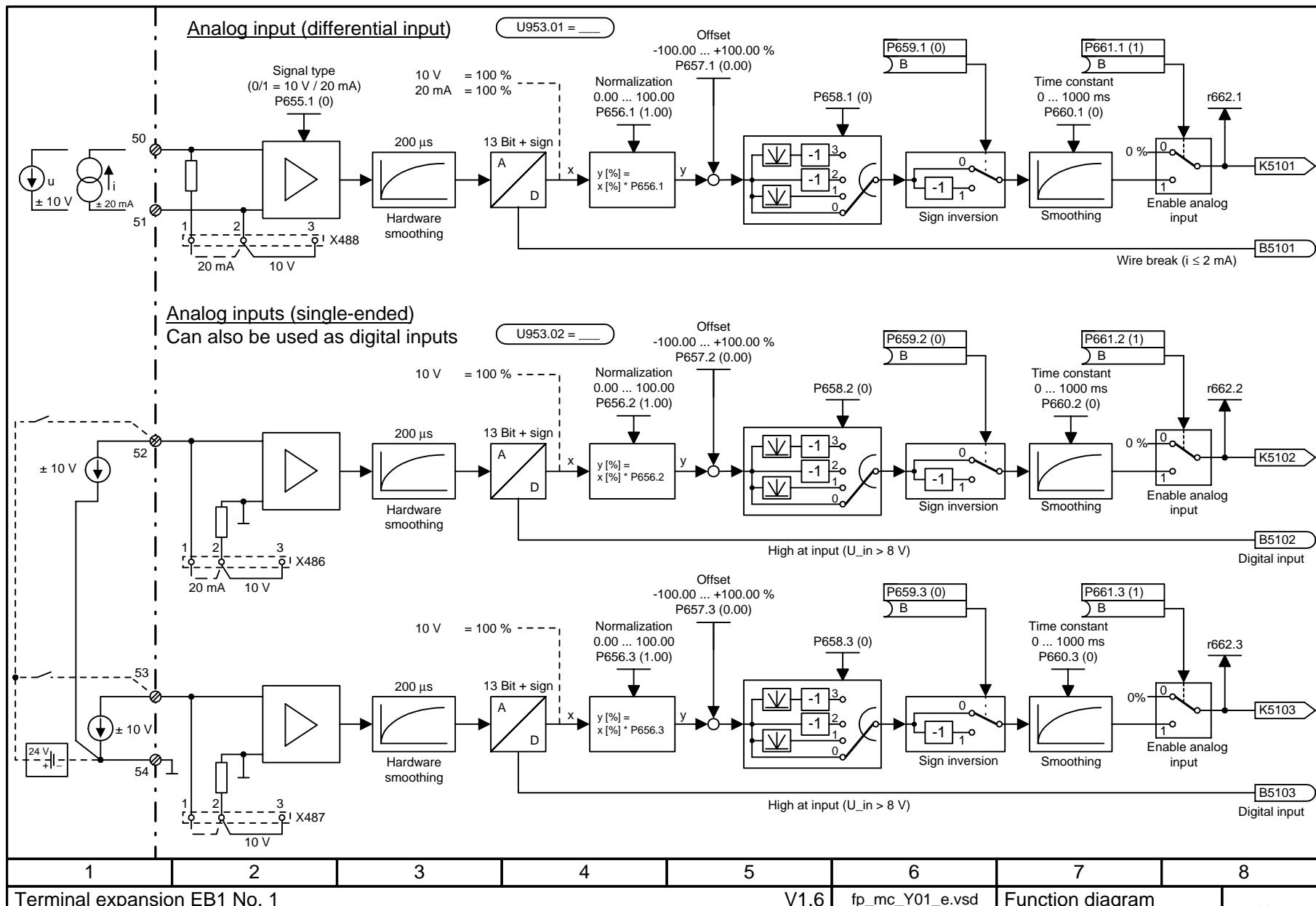


MASTERDRIVES MC function diagram - List of contents of the supplementary boards

Contents	Sheet	Contents	Sheet	Contents	Sheet
Supplementary boards: List of contents	Y00	SCB expansions			
Supplementary boards		- SCB1/2			
- EB1 No.1		Peer-to-peer receiving	Z01		
Analog inputs, combined digital inputs	Y01	Peer-to-peer transmitting	Z02		
Analog outputs	Y02	- SCB2			
Digital inputs/outputs	Y03	USS receiving	Z05		
- EB1 No.2		USS transmitting	Z06		
Analog inputs, combined digital inputs	Y04	- SCB1 with SCI1			
Analog outputs	Y05	Digital inputs slave 1	Z10		
Digital inputs/outputs	Y06	Digital inputs slave 2	Z11		
- EB2 No.1		Digital outputs slave 1	Z15		
Analog and digital inputs/outputs	Y07	Digital outputs slave 2	Z16		
- EB2 No.2		Analog inputs slave 1	Z20		
Analog and digital inputs/outputs	Y08	Analog inputs slave 2	Z21		
		Analog outputs slave 1	Z25		
		Analog outputs slave 2	Z26		
		- SCB1 with SCI2			
		Digital inputs slave 1	Z30		
		Digital inputs slave 2	Z31		
		Digital outputs slave 1	Z35		
		Digital outputs slave 2	Z36		

1	2	3	4	5	6	7	8
List of contents				V1.6	fp_mc_Y00_e.vsd	Function diagram	- Y00 -
Supplementary boards					08.01.02	MASTERDRIVES MC	



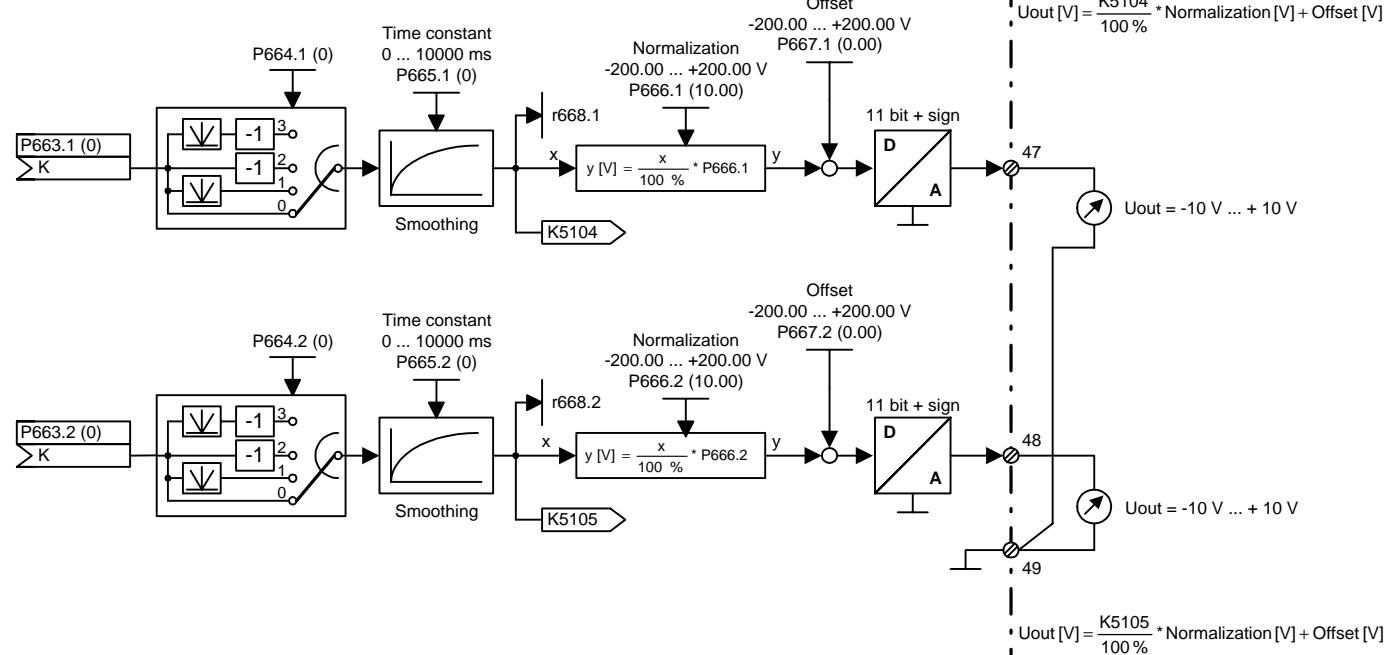
Analog outputs

U953.03 = _____

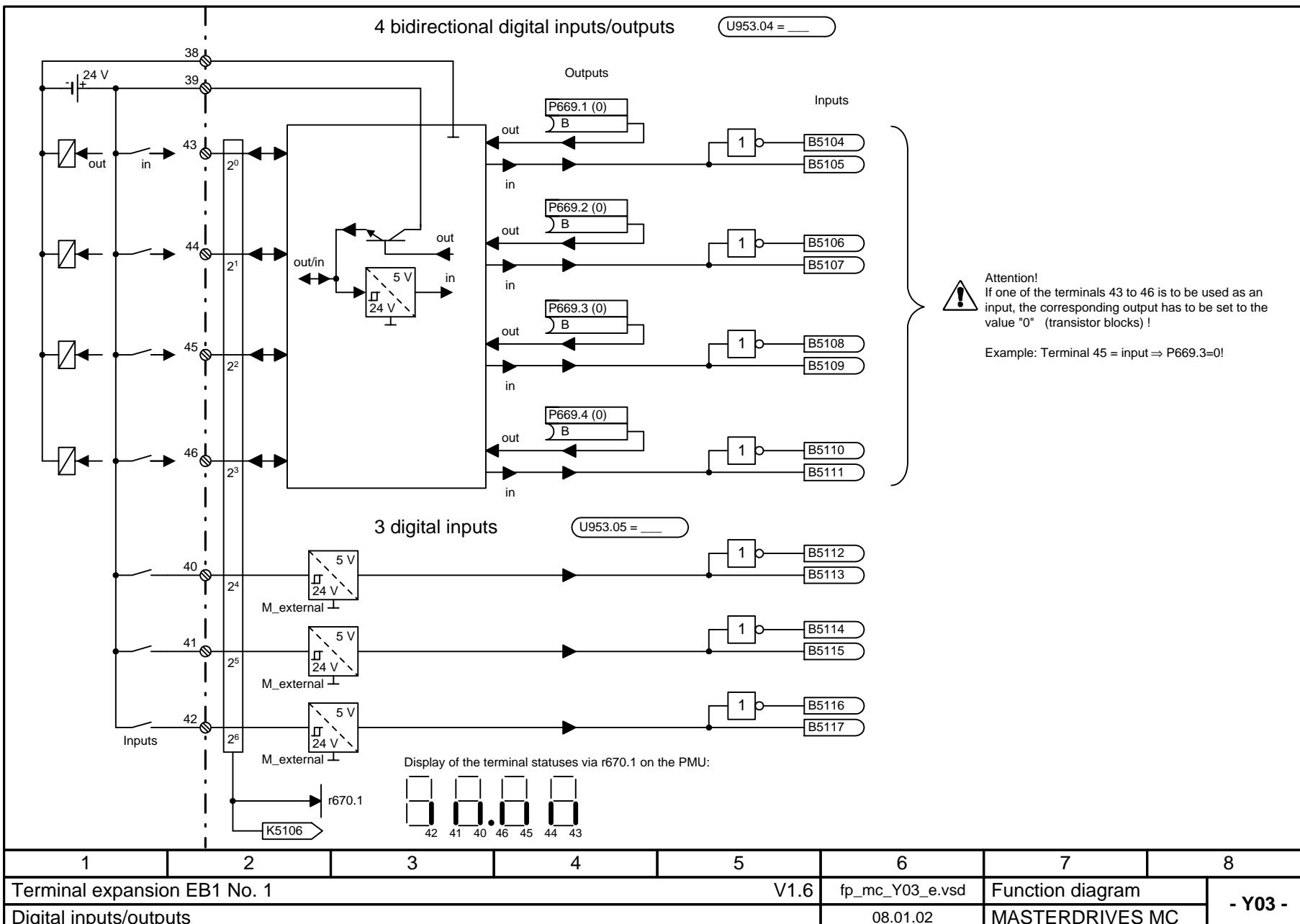
EB1

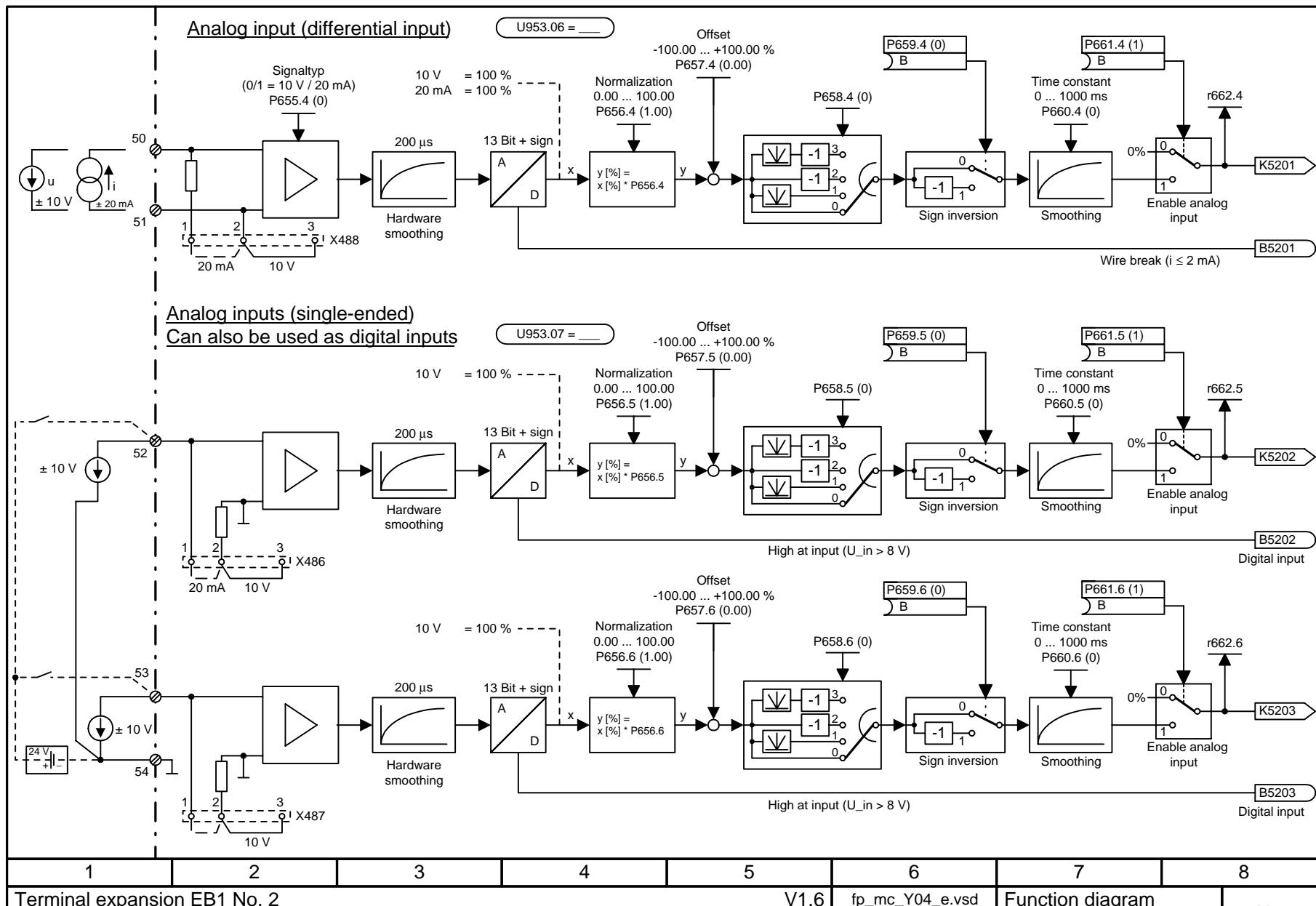
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Viewed from the front when installed



1	2	3	4	5	6	7	8
Terminal expansion EB1 No. 1			V1.6	fp_mc_Y02_e.vsd	Function diagram		- Y02 -
Analog outputs				08.01.02	MASTERDRIVES MC		





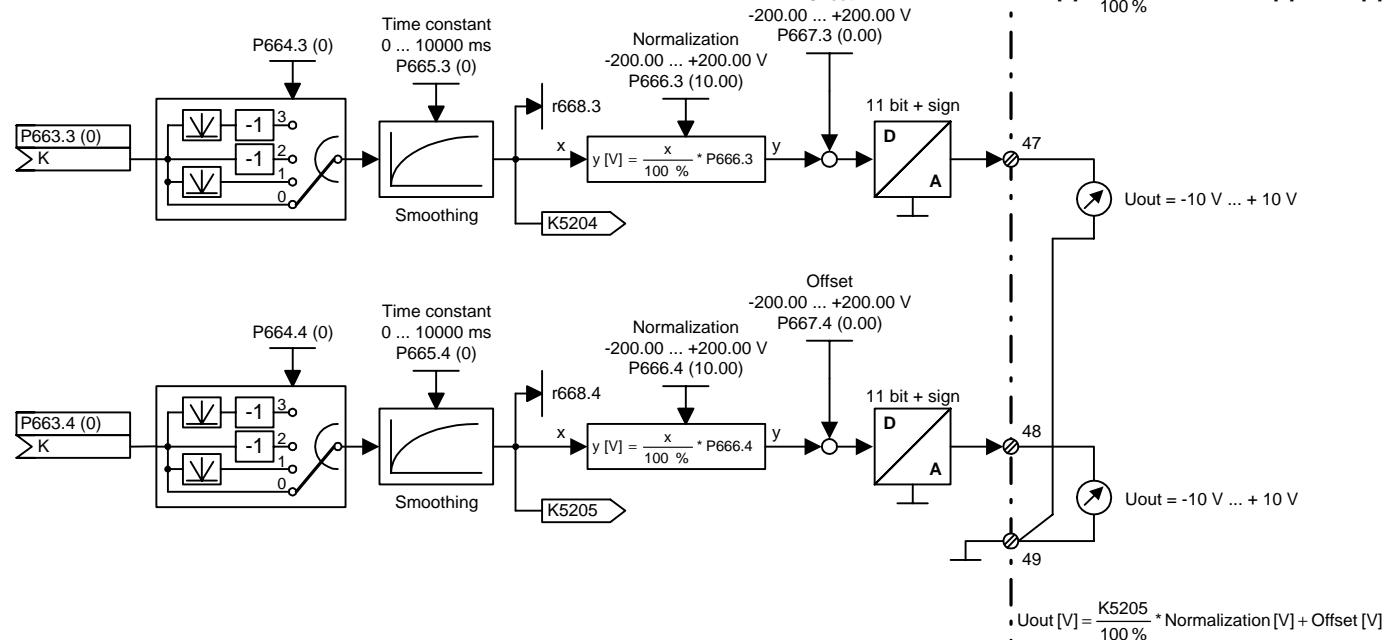
Analog outputs

U953.08 = _____

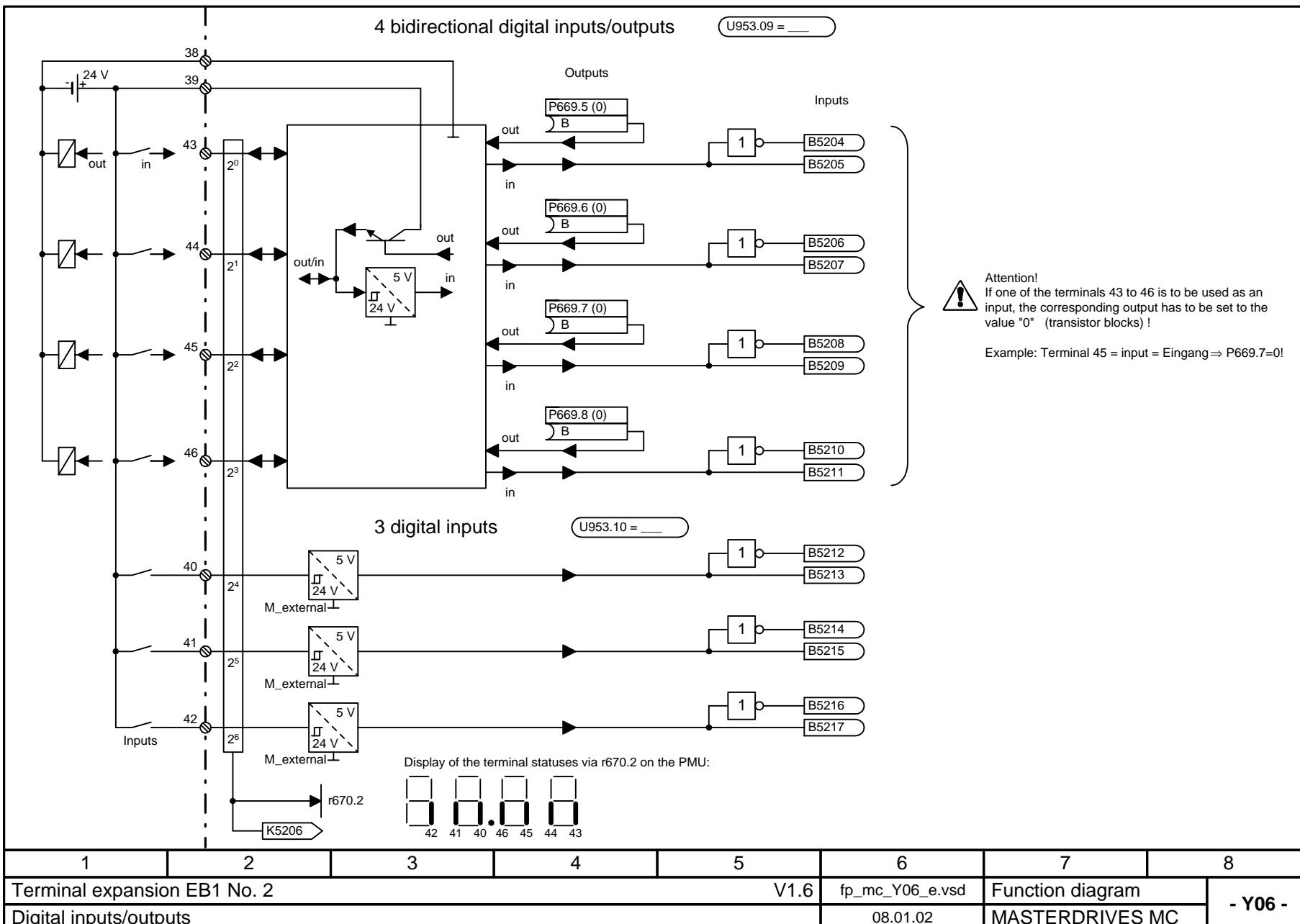
EB1

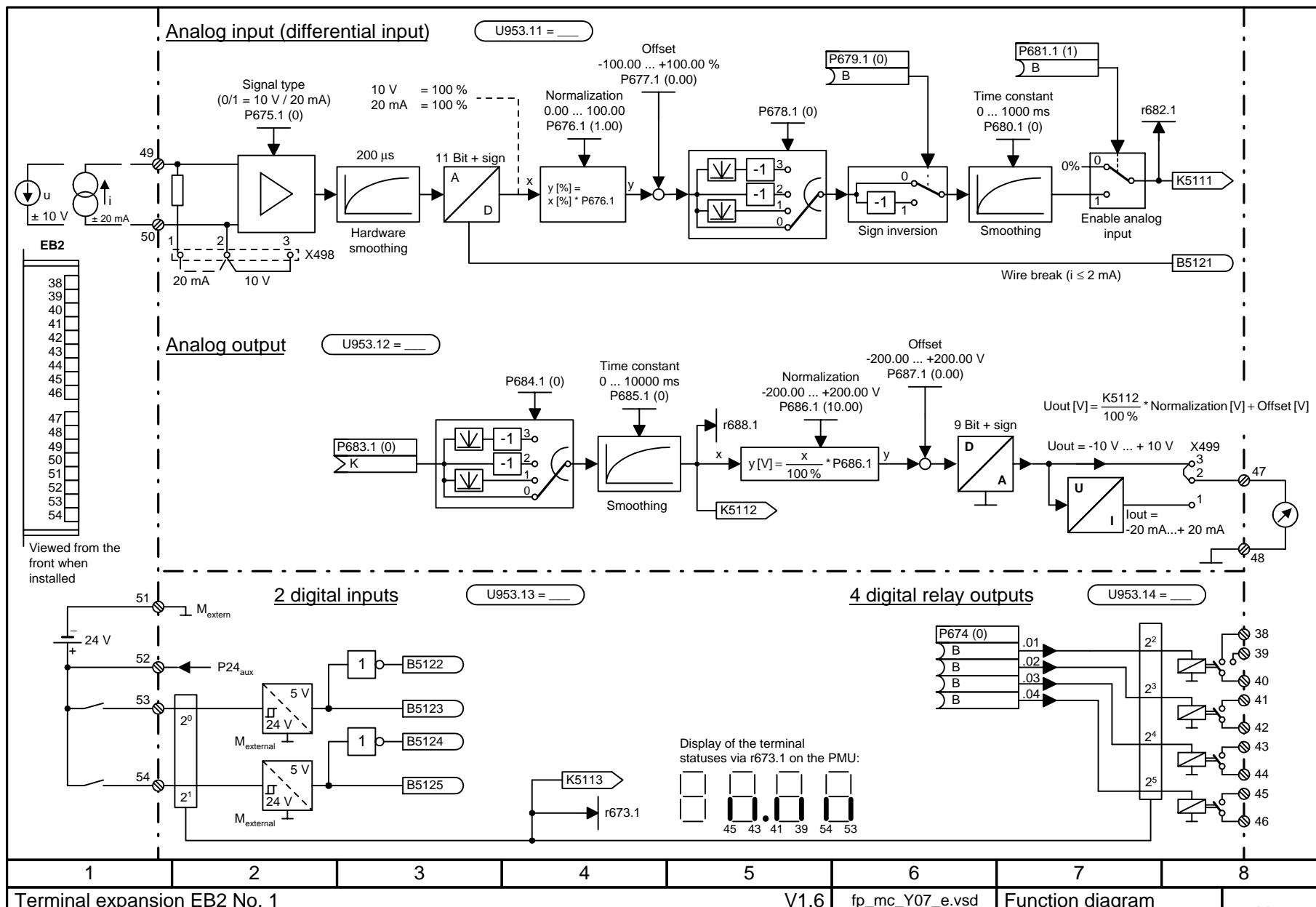
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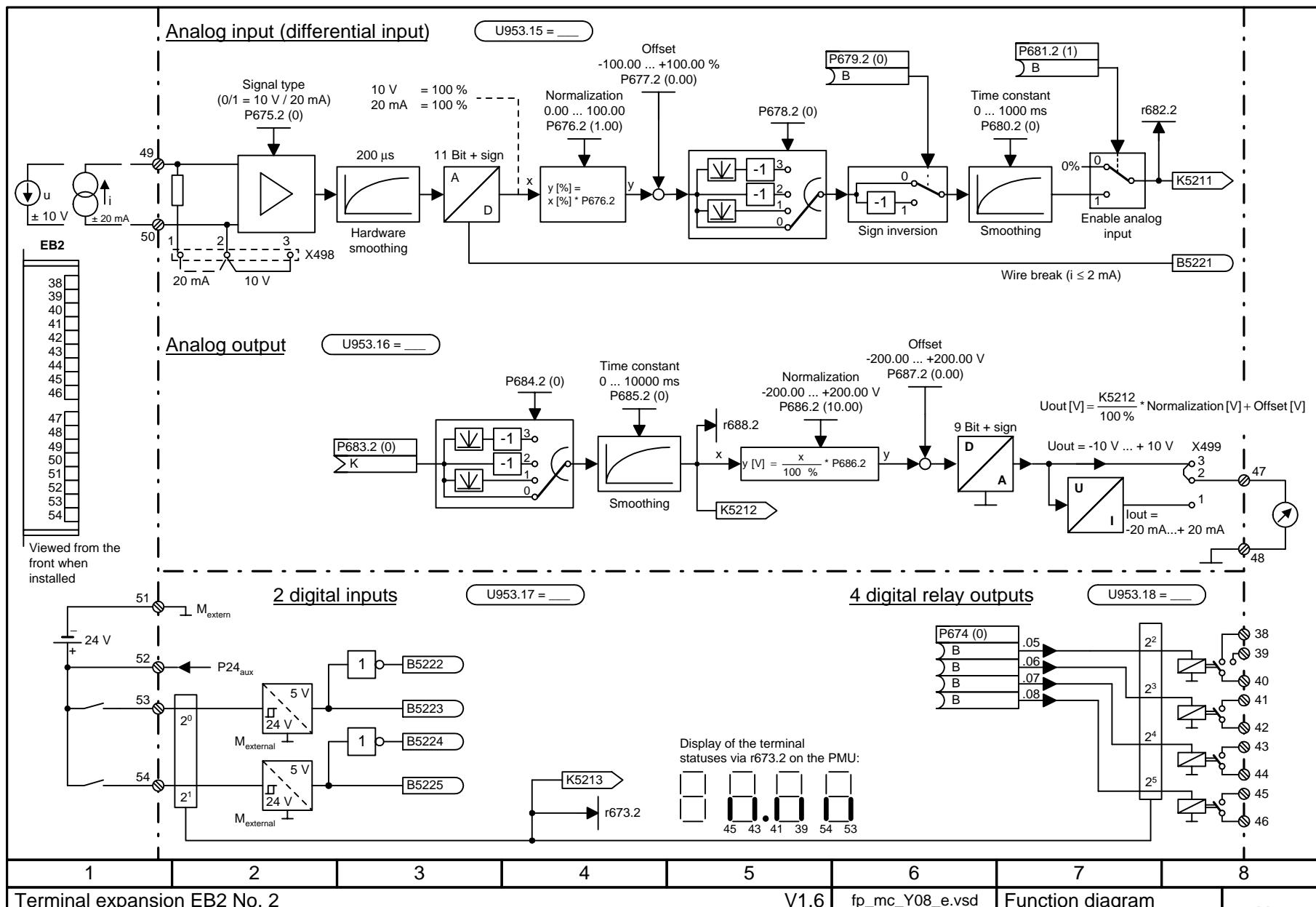
Viewed from the front when installed

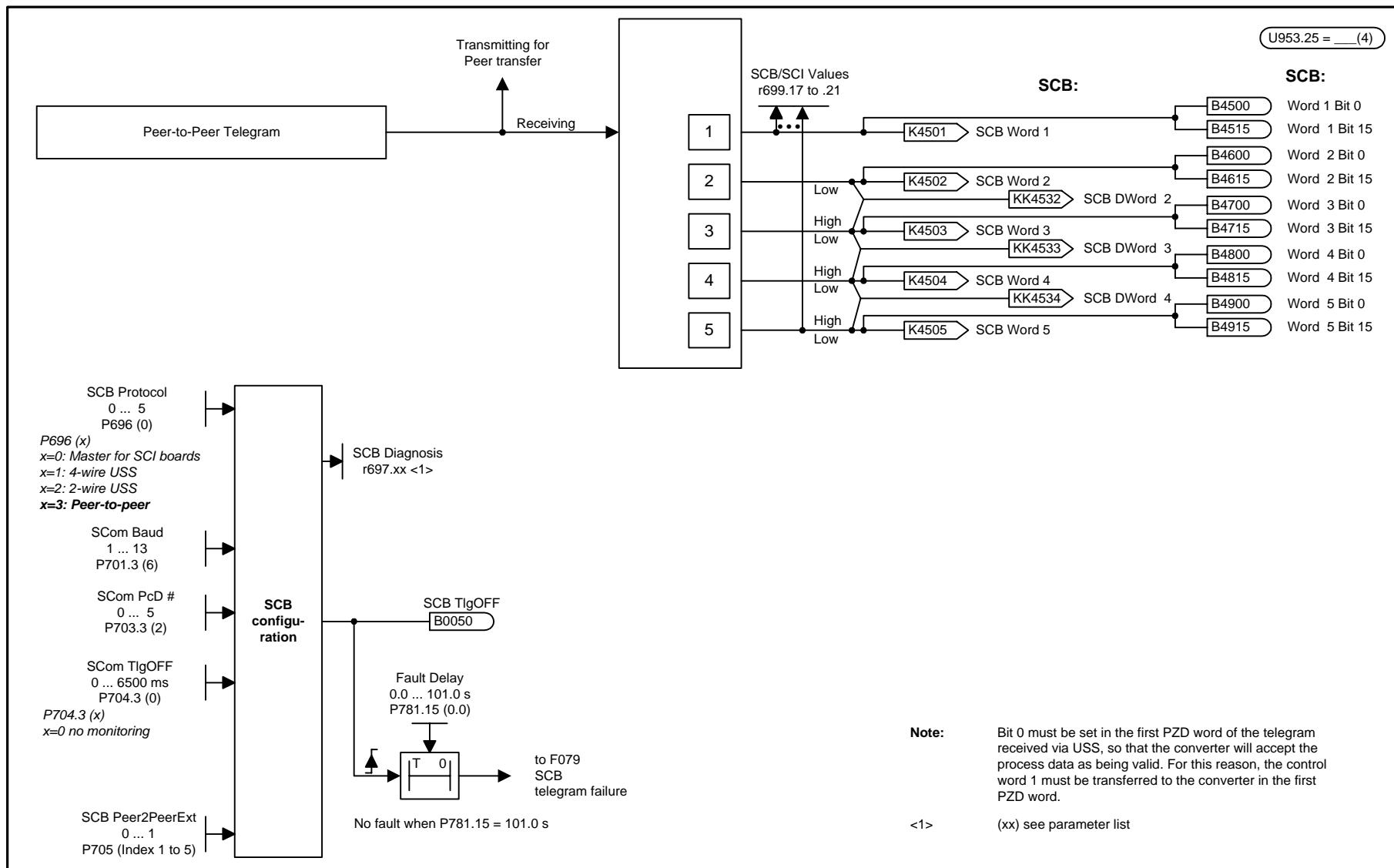


1	2	3	4	5	6	7	8
Terminal expansion EB1 No. 2			V1.6	fp_mc_Y05_e.vsd	Function diagram		- Y05 -
Analog outputs				08.01.02	MASTERDRIVES MC		



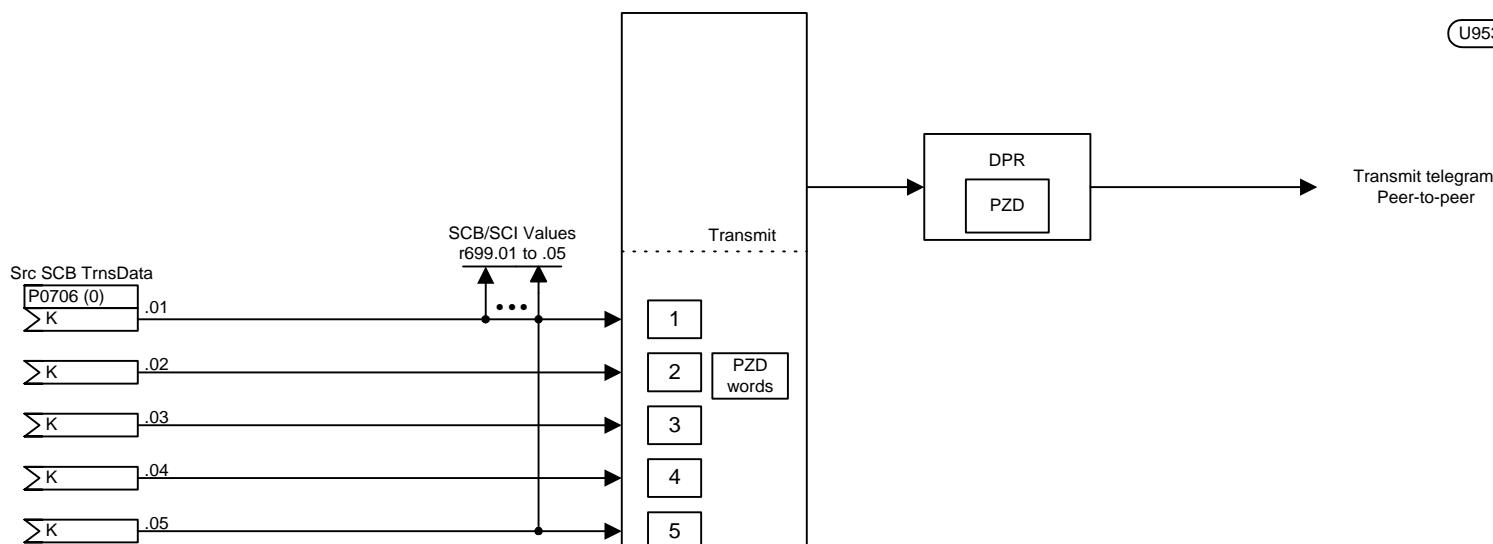






1	2	3	4	5	6	7	8
SCB1/2			V1.6	fp_mc_Z01_e.vsd	Function diagram		- Z01 -
Peer-to-peer receiving		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC		

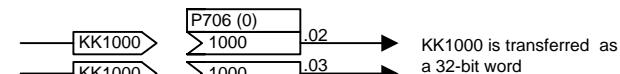
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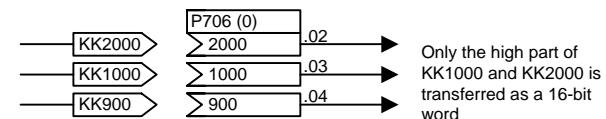
Transmitting 32-bit words:
If the same double-word connector is connected up to two successive connector indices, this is transferred as a 32 bit word.

Examples:

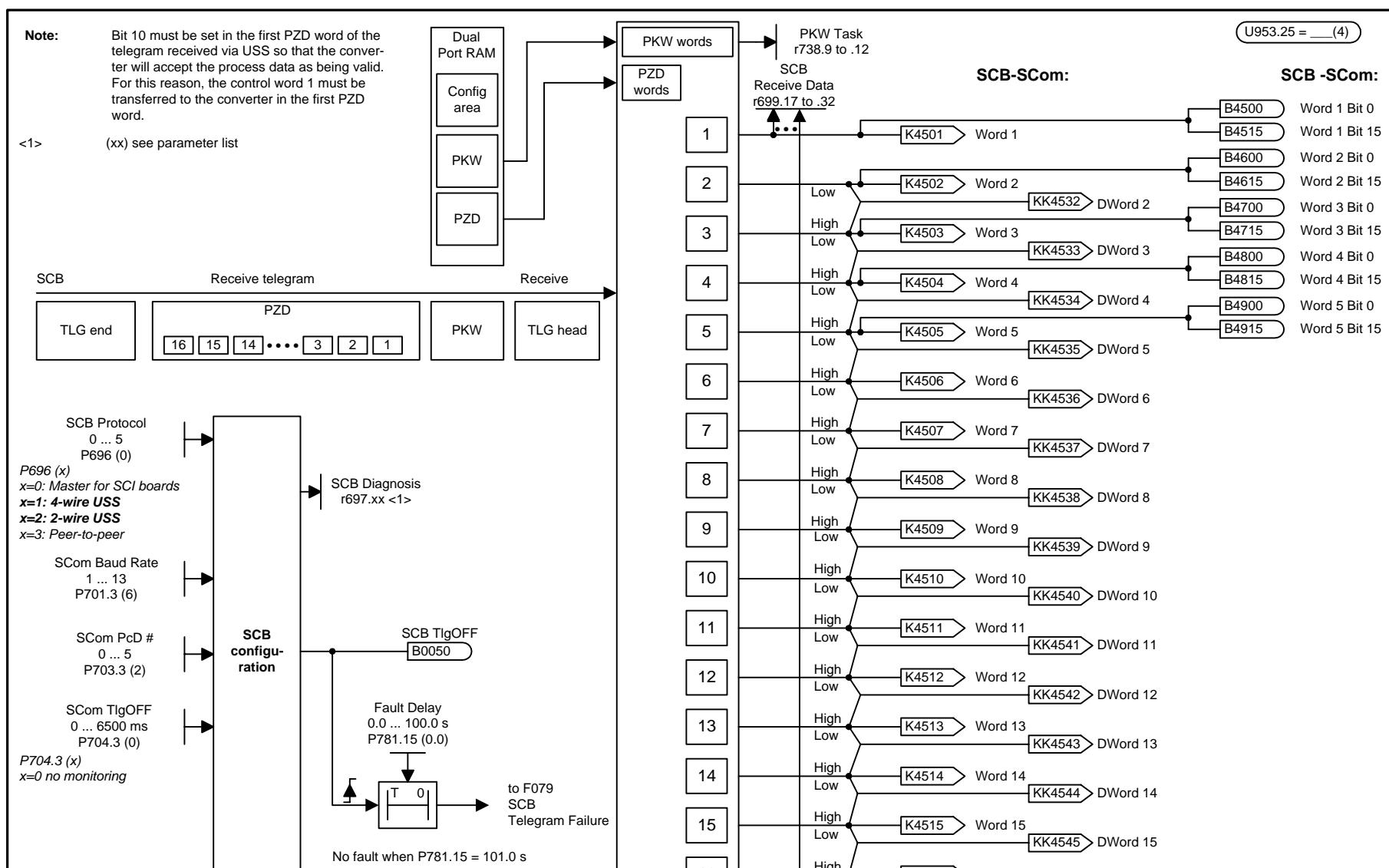
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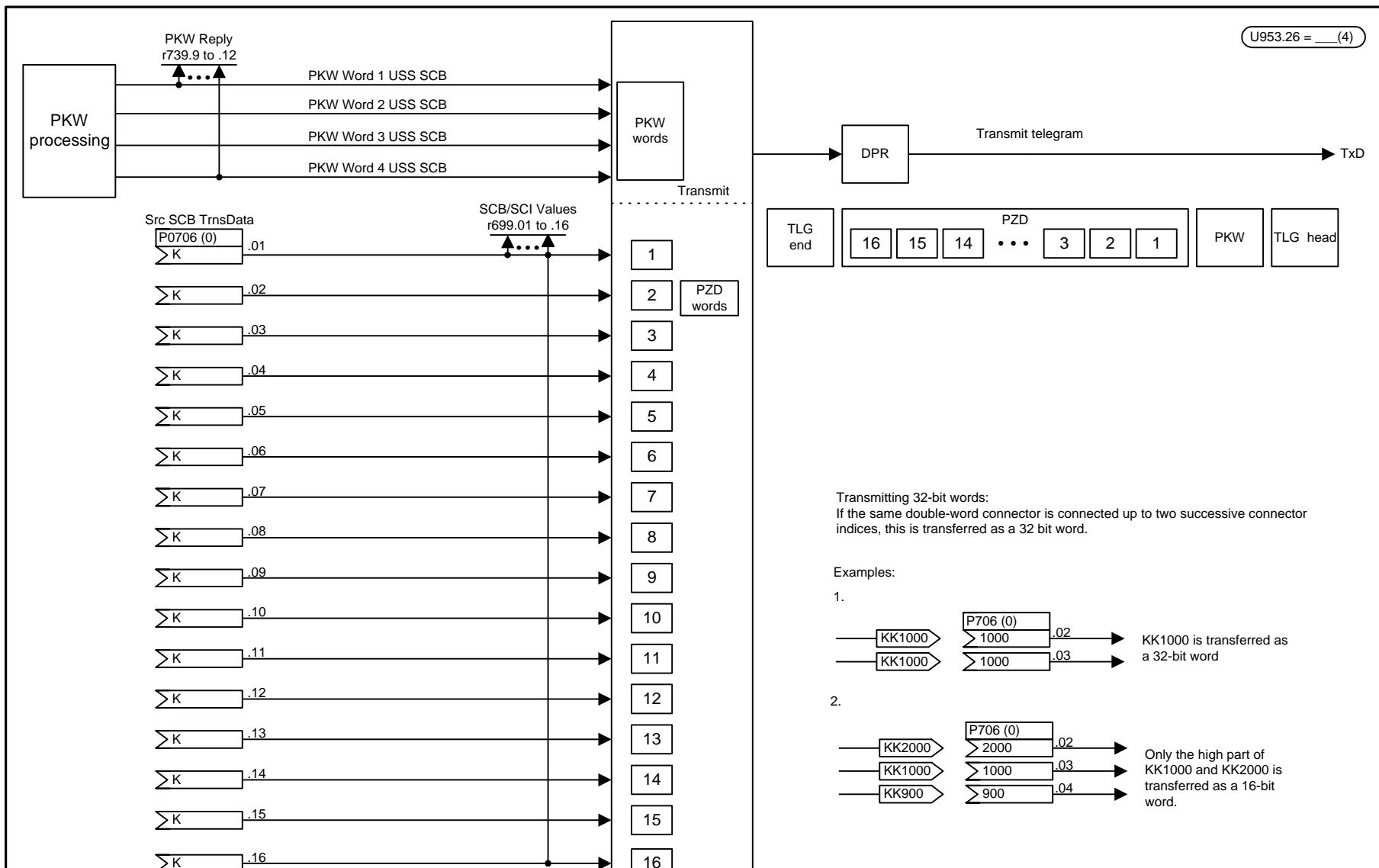
2.



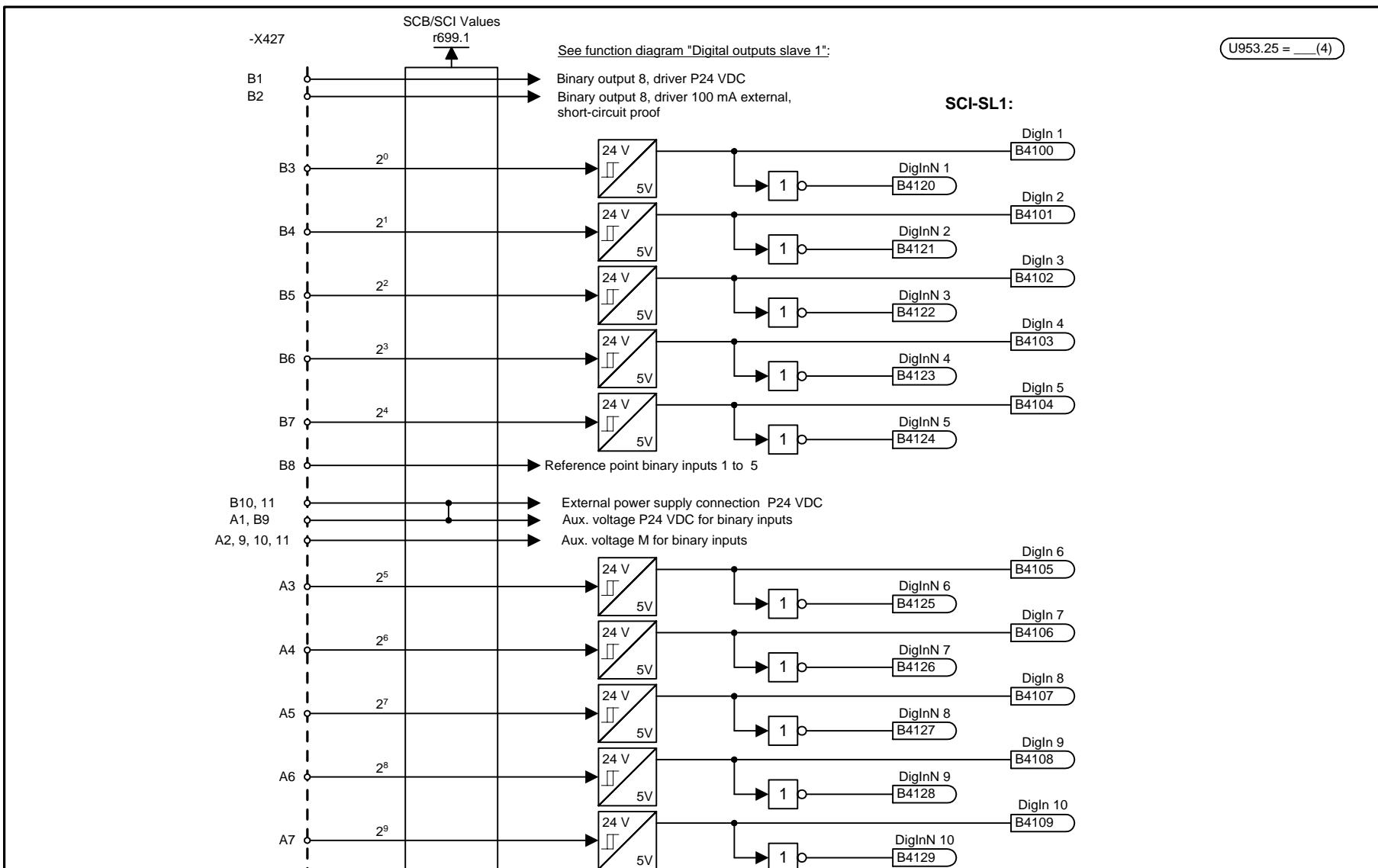
1	2	3	4	5	6	7	8
SCB1/2			V1.6	fp_mc_Z02_e.vsd	Function diagram		- Z02 -
Peer-to-peer transmitting		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC		



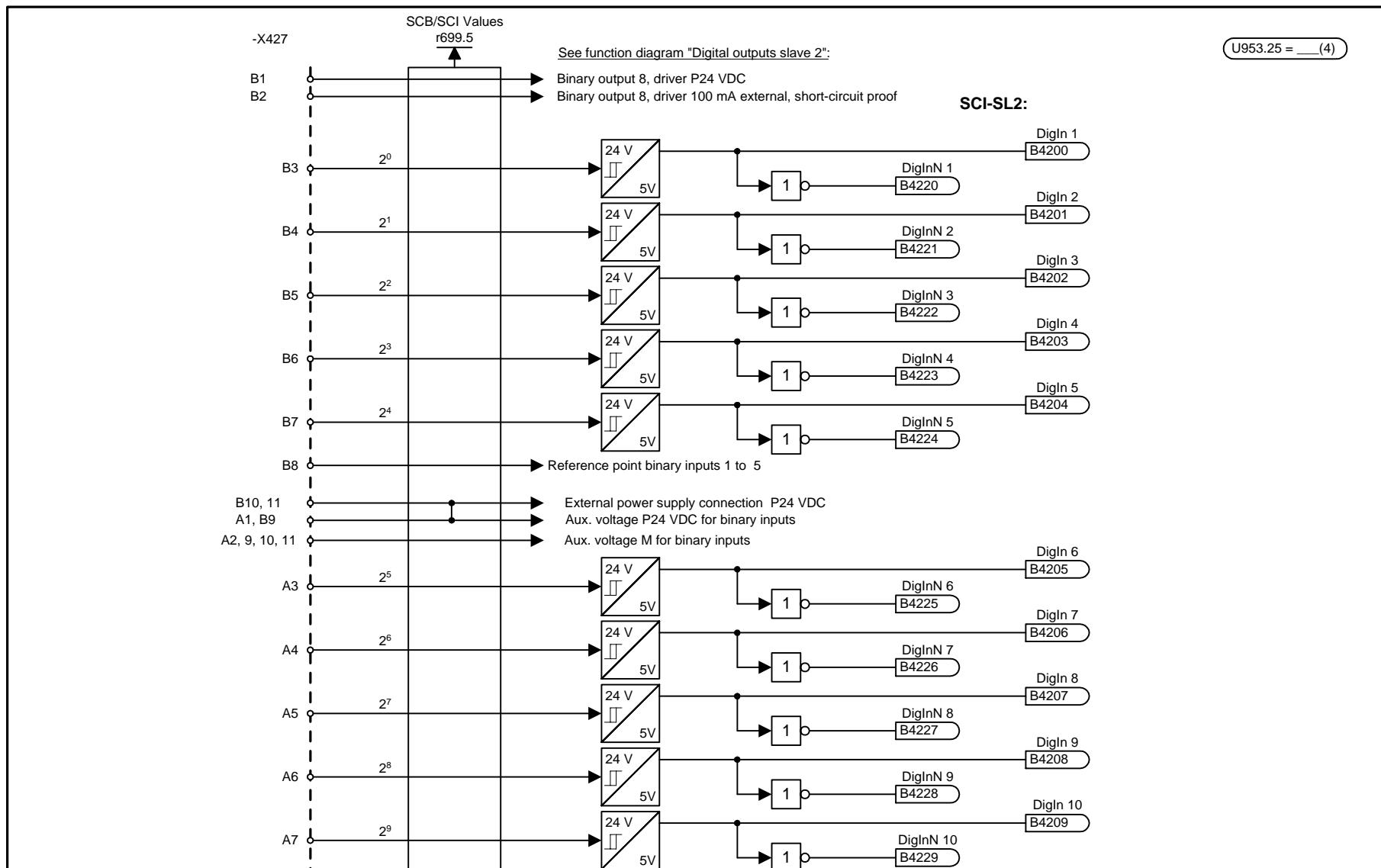
1	2	3	4	5	6	7	8
SCB2		V1.6	fp_mc_Z05_e.vsd	Function diagram			
USS receiving		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC	- Z05 -	



1	2	3	4	5	6	7	8
SCB2		V1.6	fp_mc_Z06_e.vsd	Function diagram			
USS transmitting		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC	- Z06 -	

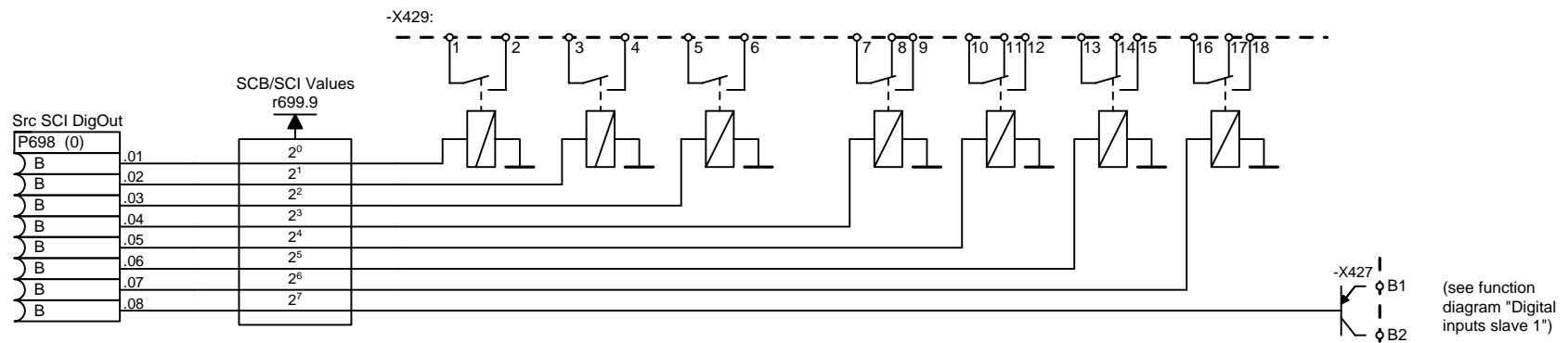


1	2	3	4	5	6	7	8
SCB1 with SCI1			V1.6	fp_mc_Z10_e.vsd	Function diagram		
Digital inputs slave 1			Not with Compact PLUS!	08.01.02	MASTERDRIVES MC	- Z10 -	



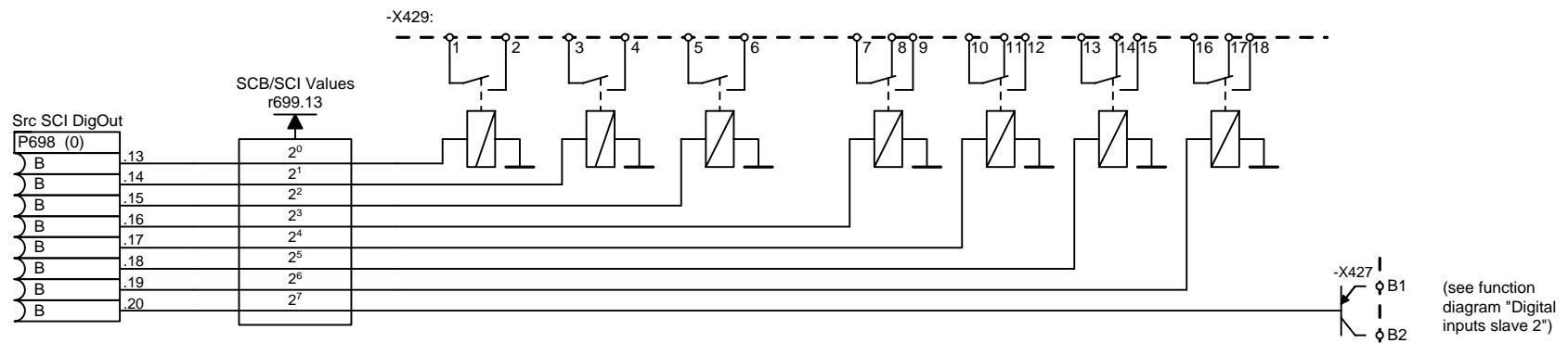
1	2	3	4	5	6	7	8
SCB1 with SCI1			V1.6	fp_mc_Z11_e.vsd	Function diagram		
Digital inputs slave 2			Not with Compact PLUS!	08.01.02	MASTERDRIVES MC	- Z11 -	

U953.26 = ____ (4)

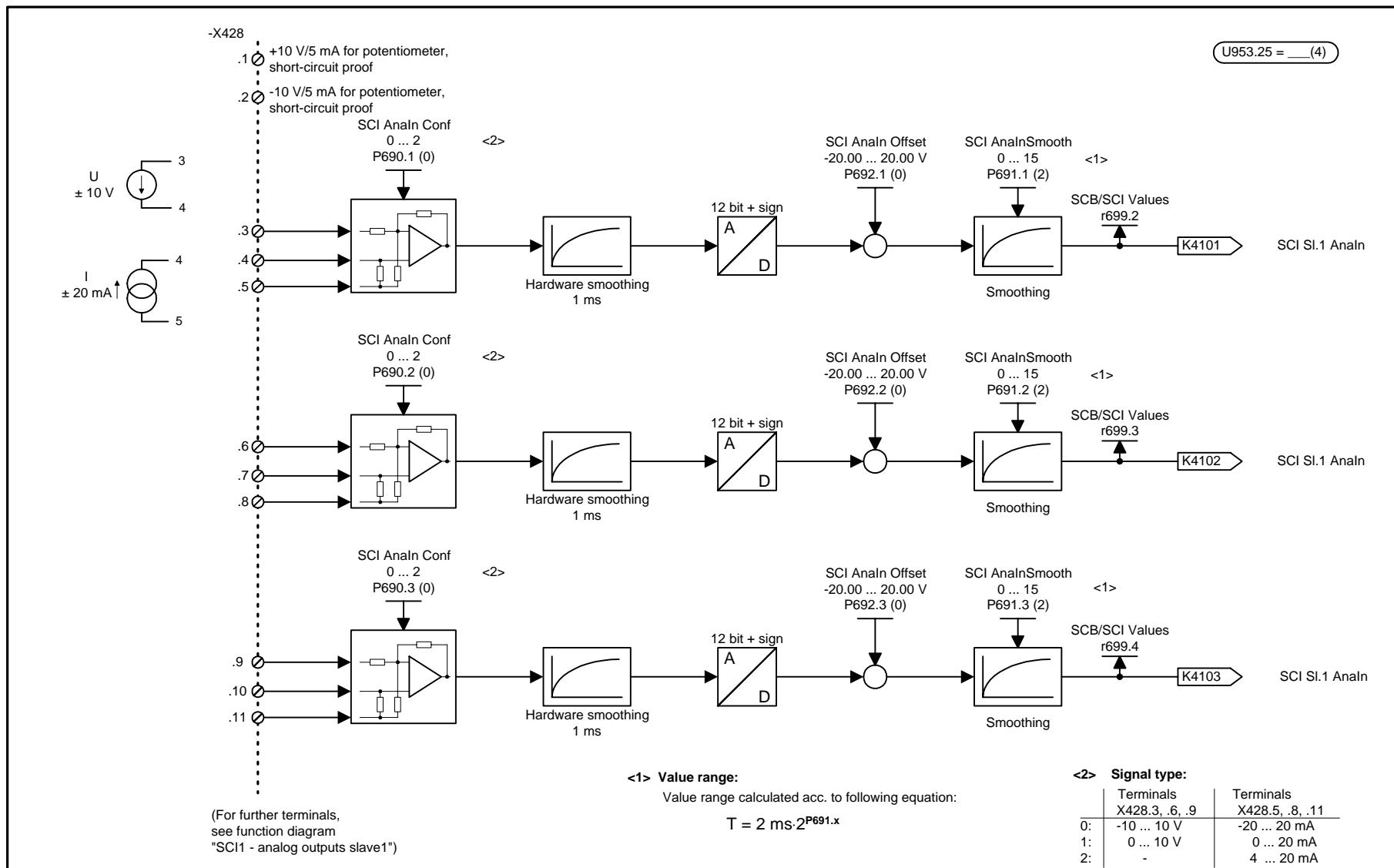


1	2	3	4	5	6	7	8
SCB1 with SCI1			V1.6	fp_mc_Z15_e.vsd	Function diagram		
Digital outputs slave 1		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC	- Z15 -	

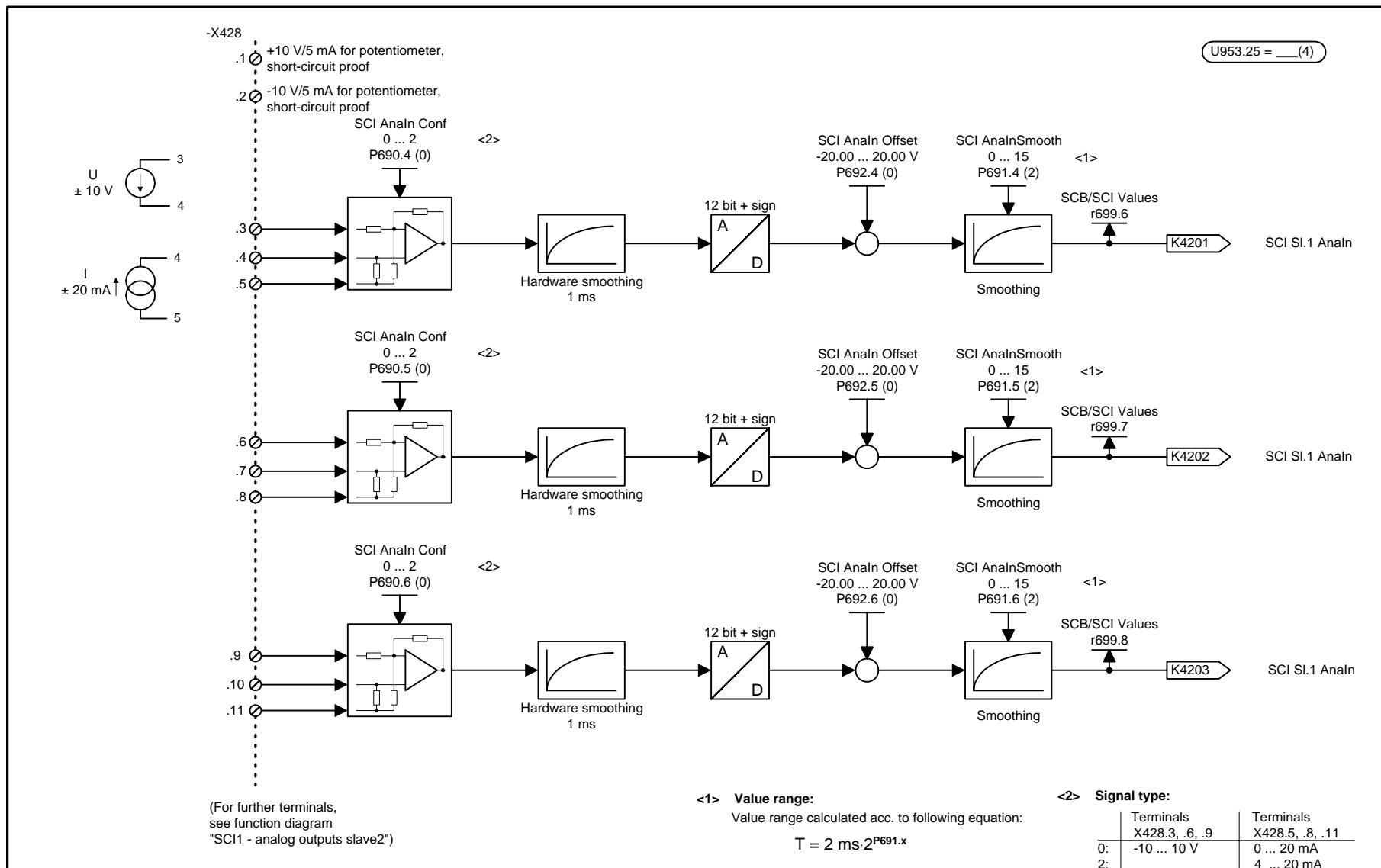
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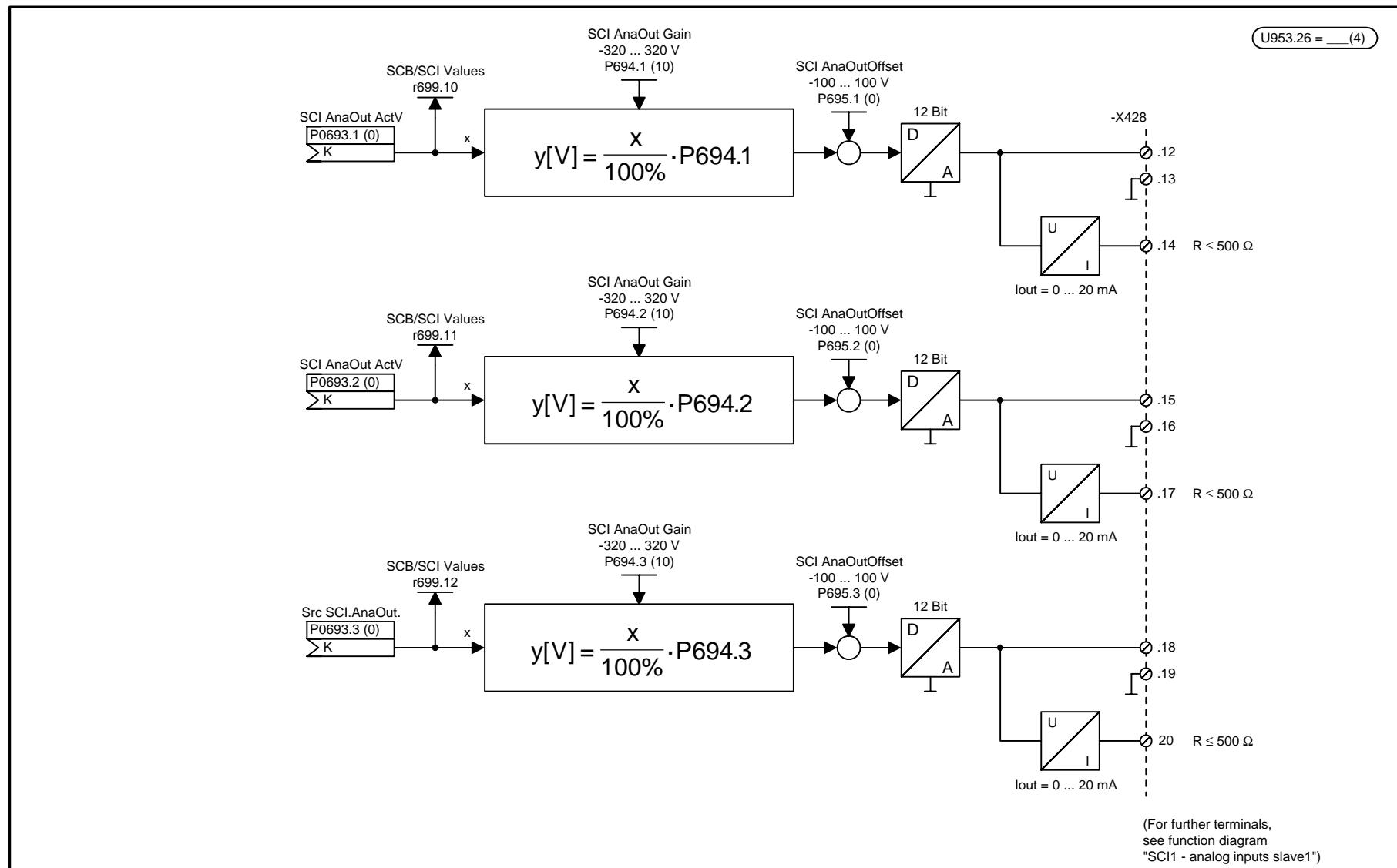
1	2	3	4	5	6	7	8
SCB1 with SCI1			V1.6	fp_mc_Z16_e.vsd	Function diagram		
Digital outputs slave 2		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC	- Z16 -	



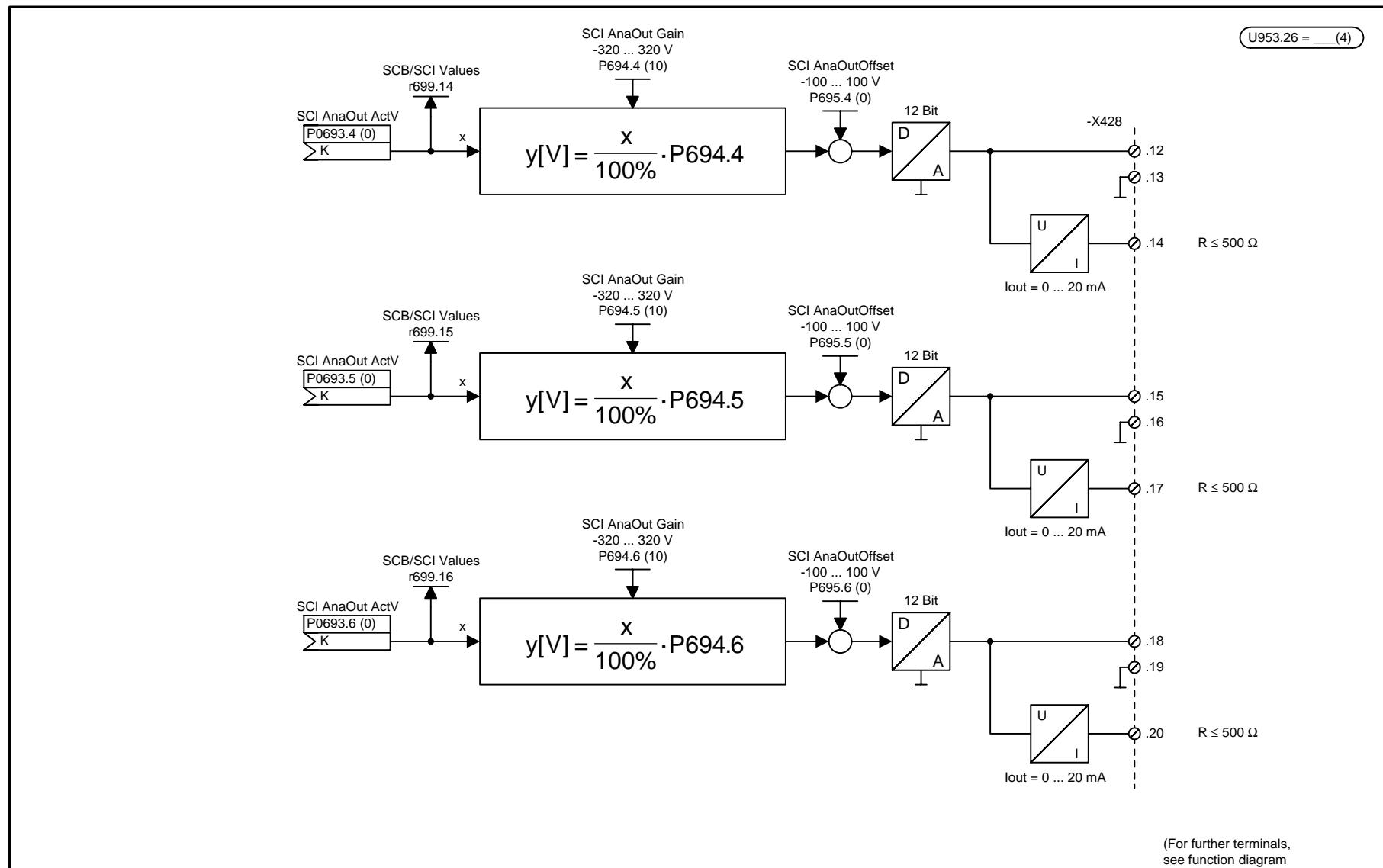
1	2	3	4	5	6	7	8
SCB1 with SCI1		V1.6	fp_mc_Z20_e.vsd	Function diagram			
SCI1 - analog inputs slave 1		Not with Compact PLUS!	08.01.02	MASTERDRIVES MC		- Z20 -	



1	2	3	4	5	6	7	8
SCB1 with SCI1		V1.6	fp_mc_Z21_e.vsd	Function diagram			
SCI1 - analog inputs slave 2		Not with Compact PLUS!	08.01.02	MASTERDRIVES MC		- Z21 -	

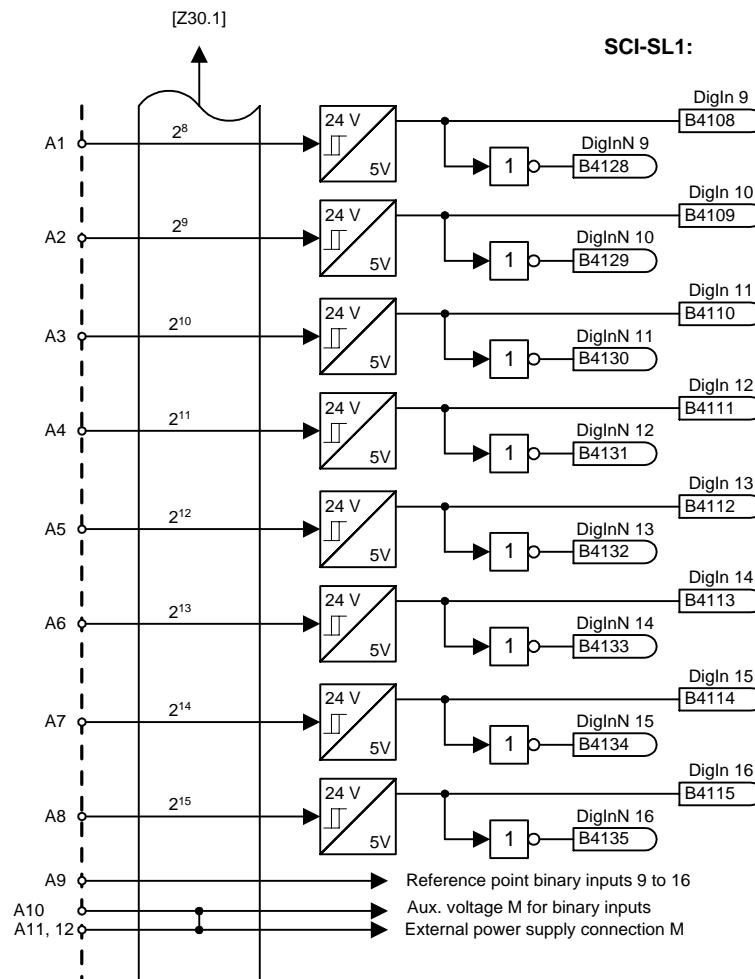
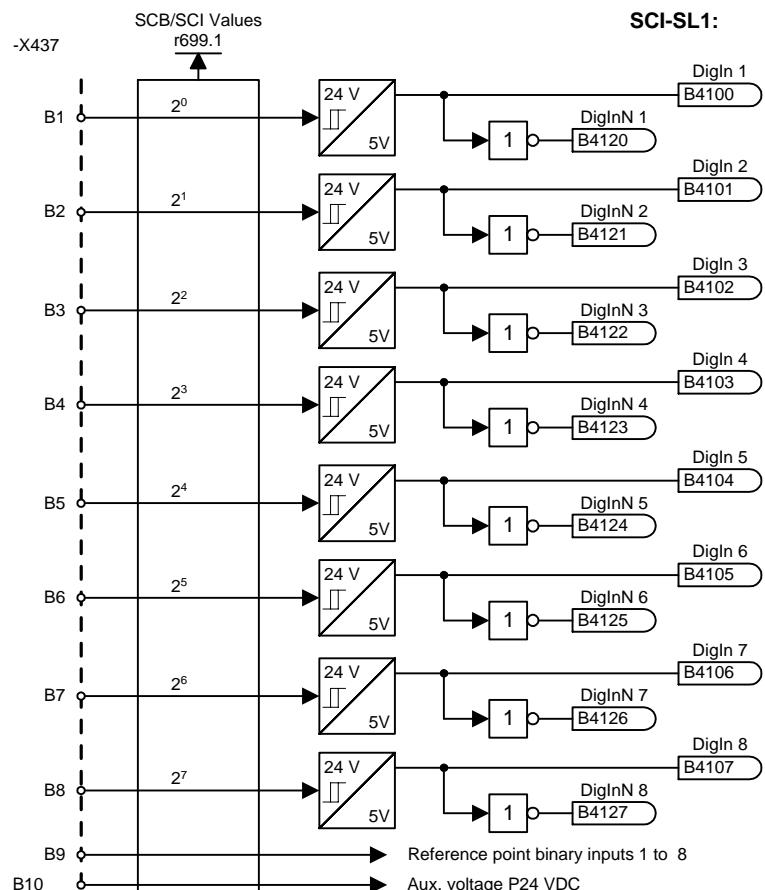


1	2	3	4	5	6	7	8
SCB1 with SCI1			V1.6	fp_mc_Z25_e.vsd	Function diagram		
SCI1 analog outputs slave 1		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC	- Z25 -	



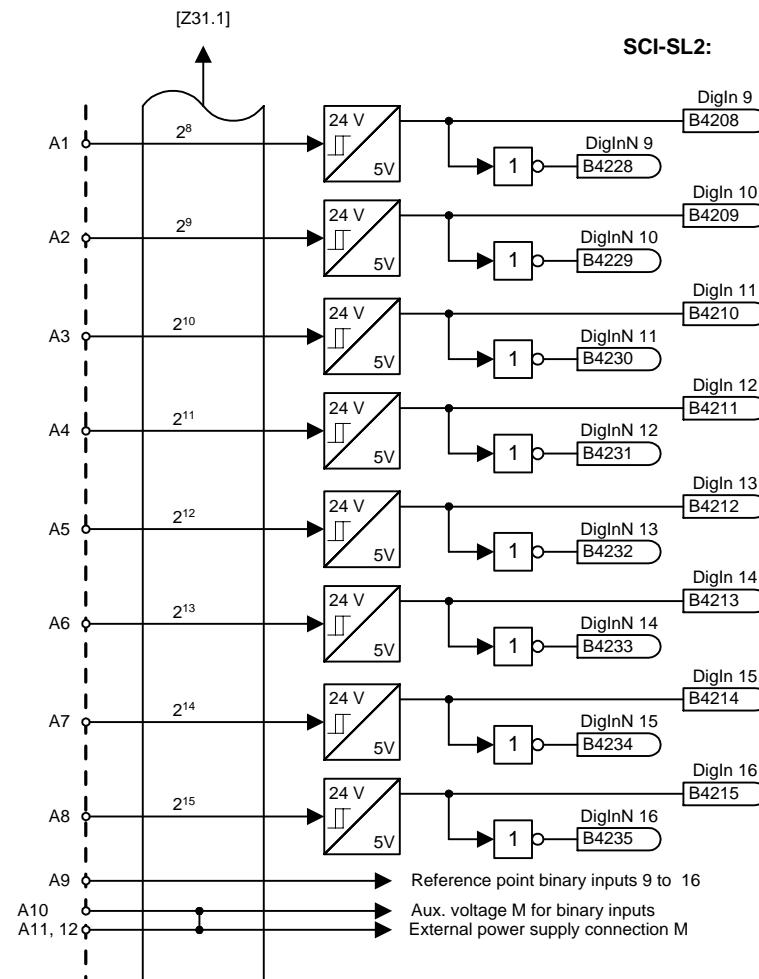
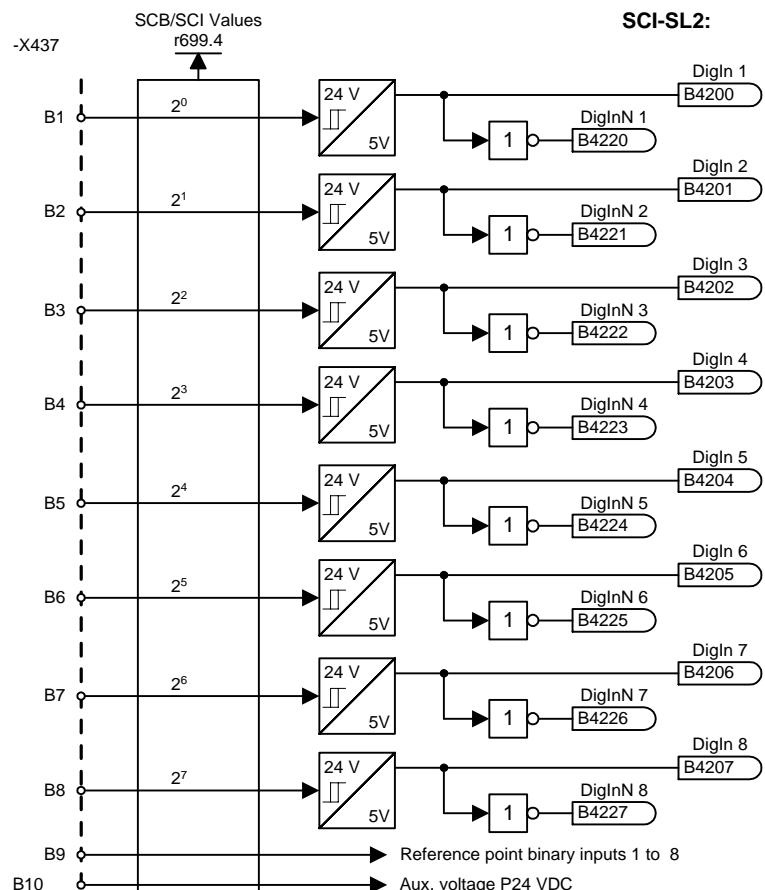
1	2	3	4	5	6	7	8
SCB1 with SCI1			V1.6	fp_mc_Z26_e.vsd	Function diagram		
SCI1 analog outputs slave 2		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC	- Z26 -	

U953.25 = ____ (4)



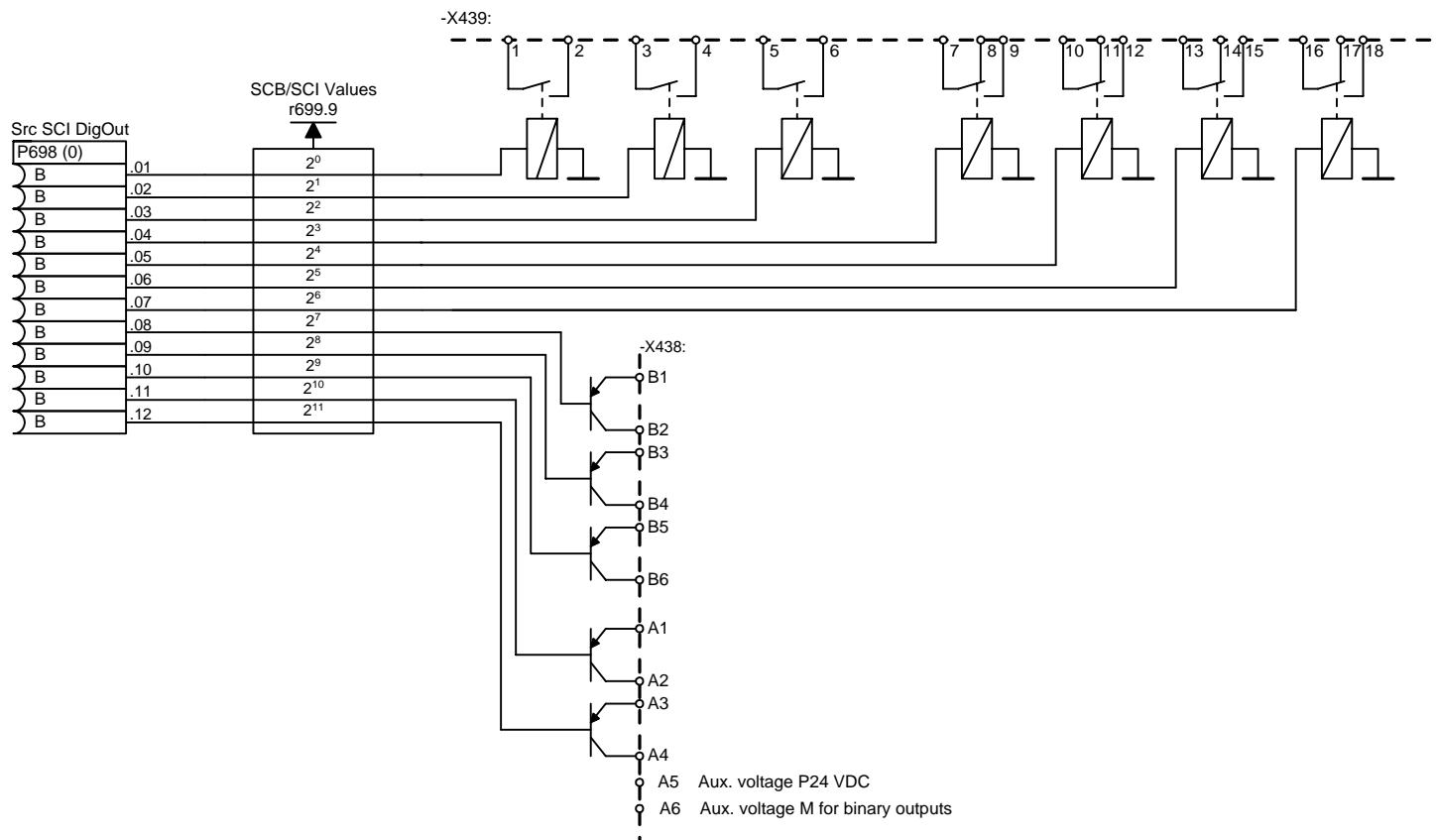
1	2	3	4	5	6	7	8
SCB1 with SCI2		V1.6	fp_mc_Z30_e.vsd	Function diagram			
Digital inputs slave 1		Not with Compact PLUS!	08.01.02	MASTERDRIVES MC		- Z30 -	

U953.25 = ____ (4)



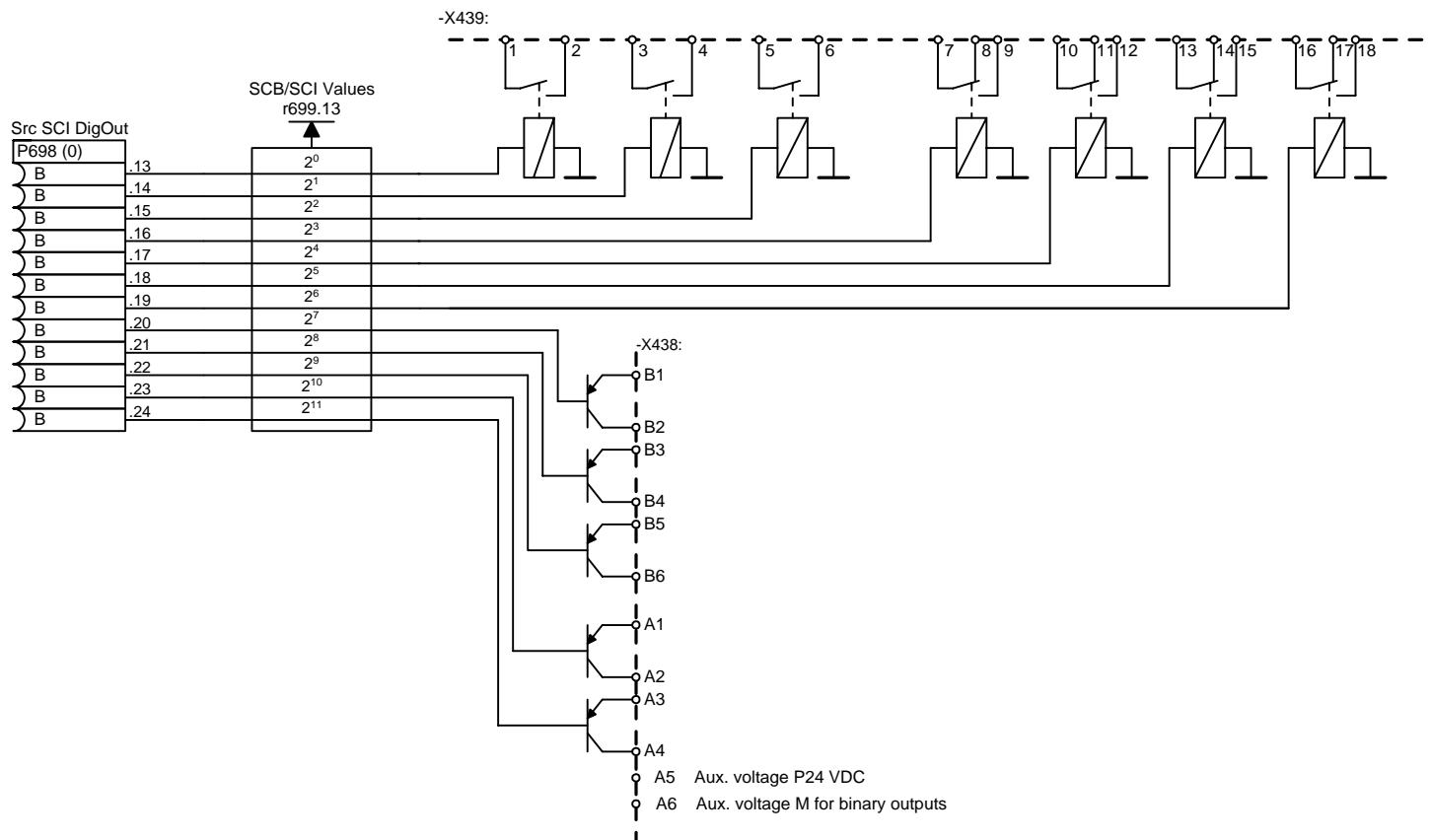
1	2	3	4	5	6	7	8
SCB1 with SCI2		V1.6	fp_mc_Z31_e.vsd	Function diagram			
Digital inputs slave 2		Not with Compact PLUS!	08.01.02	MASTERDRIVES MC		- Z31 -	

U953.26 = ____ (4)



1	2	3	4	5	6	7	8
SCB1 with SCI2			V1.6	fp_mc_Z35_e.vsd	Function diagram		
Digital outputs slave 1		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC	- Z35 -	

U953.26 = ____ (4)



1	2	3	4	5	6	7	8
SCB1 with SCI2			V1.6	fp_mc_Z36_e.vsd	Function diagram		
Digital outputs slave 2		Not with Compact PLUS!		08.01.02	MASTERDRIVES MC	- Z36 -	