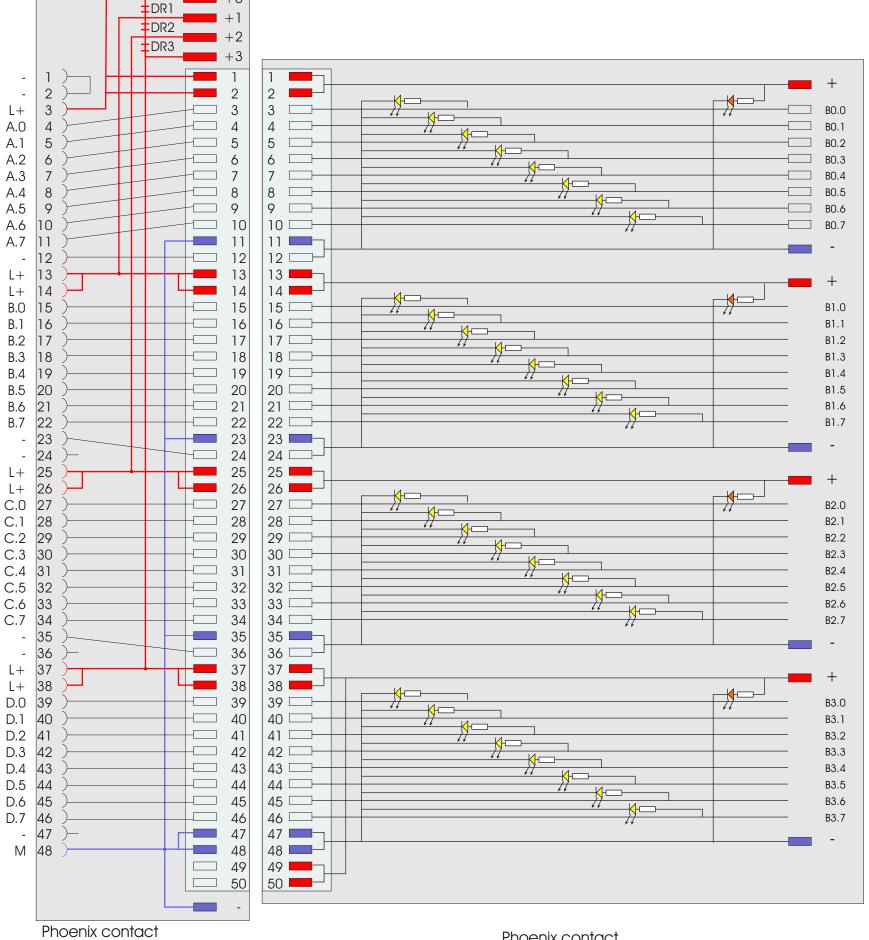


FLKM 50-PA \$400

+0



I 0.0

TL-VL102 open TL-VL102 close TL-VL102 mov TL-VL103 prt 2 TL-VL103 close TL-VL103 prt 3 TL-VL103 mov TL-VL104 open

### I 1.0

TL-VL104 close TL-VL104 mov TL-VL109 open TL-VL109 close TL-VL111 open TL-VL111 close TL-VL111 mov

### I 2.0

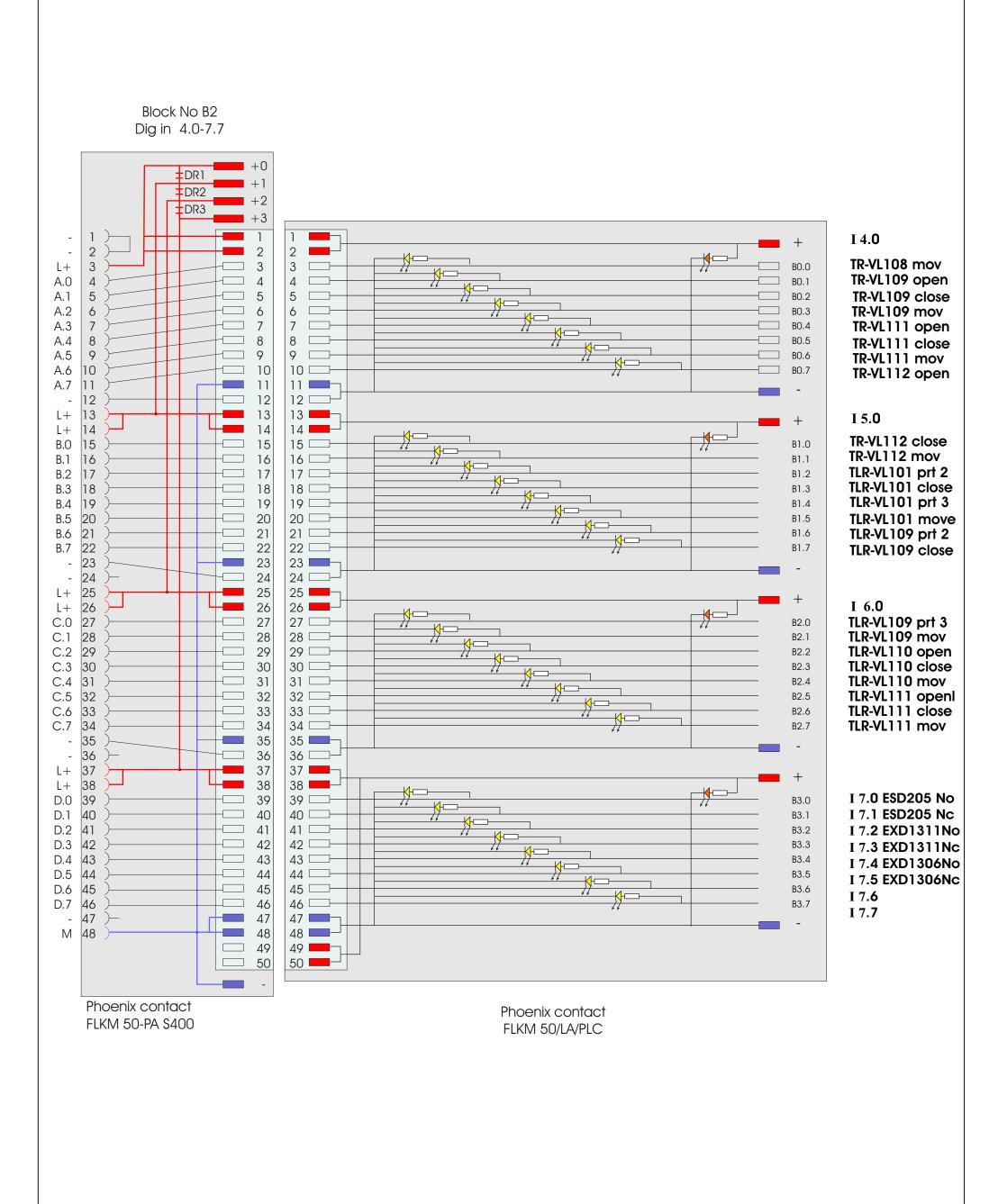
TL-VL112 open TL-VL112 close TL-VL112 mov TR-VL102 open TR-VL102 close TR-VL102 mov TR-VL103 prt 2 TR-VL103 close

### I 3.0

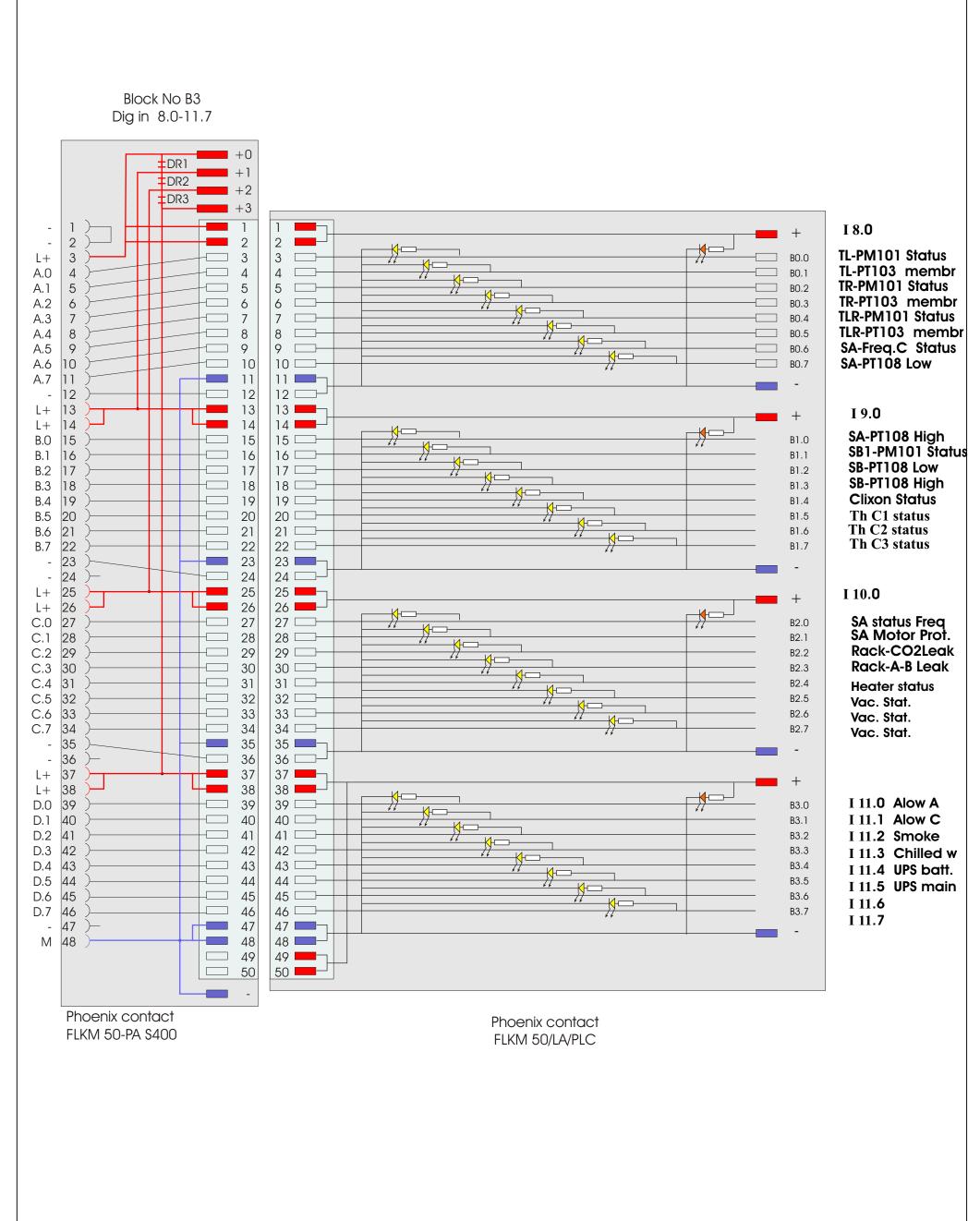
TR-VL103 prt 3 TR-VL103 mov TR-VL104 open TR-VL104 close TR-VL104 mov TR-VL108 prt 2 TR-VL108 close TR-VL108 prt 3 I 3.7

Phoenix contact FLKM 50/LA/PLC

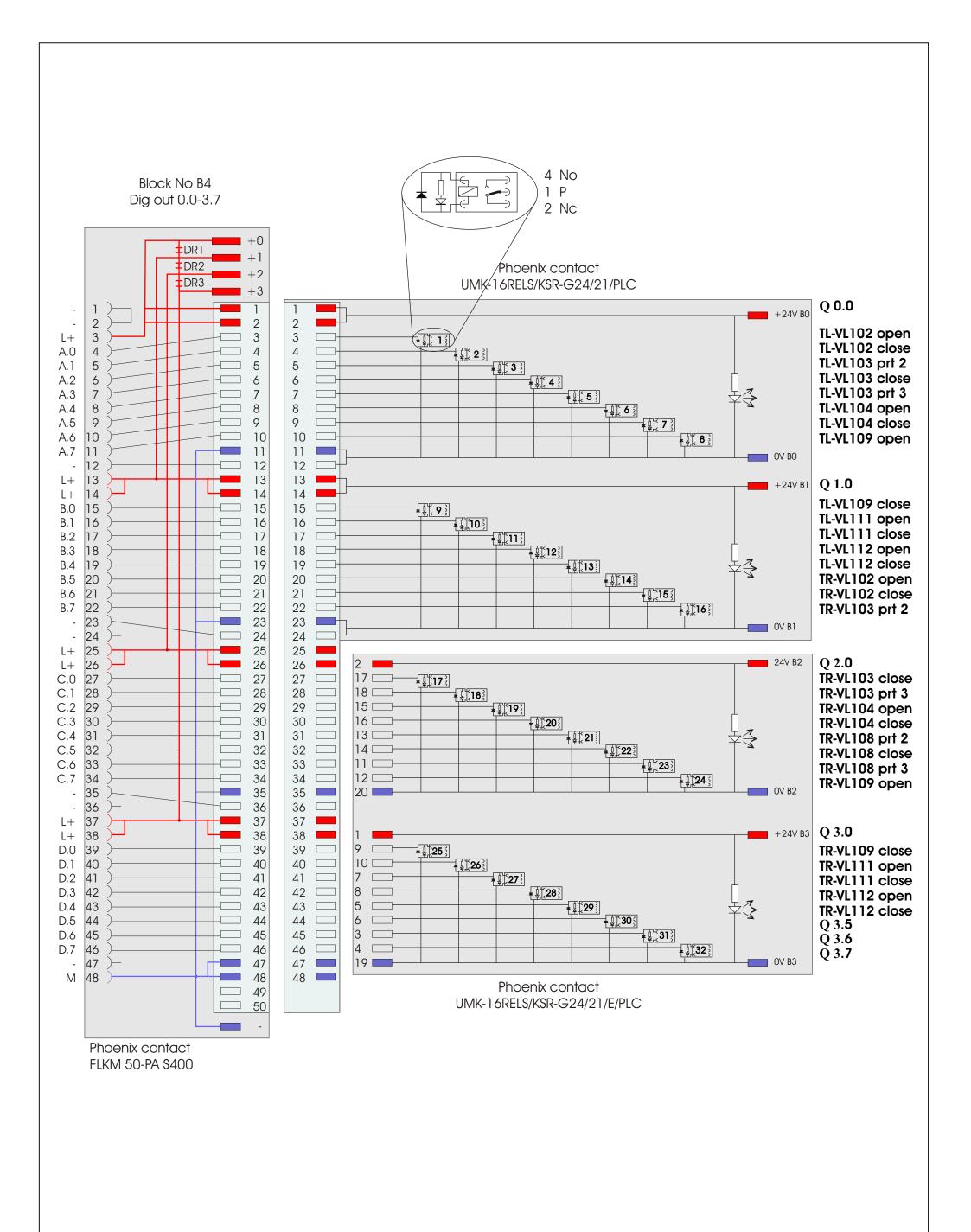
Digital	input-1 PLC connection	Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 12-02-2007
NIKHEF		Name: P de Groen
	National Institute for Nuclear physics and High Energy Physics	Size: A4
Department of Electronic Technology	P.O.B 41882, 1009DB Amsterdam	
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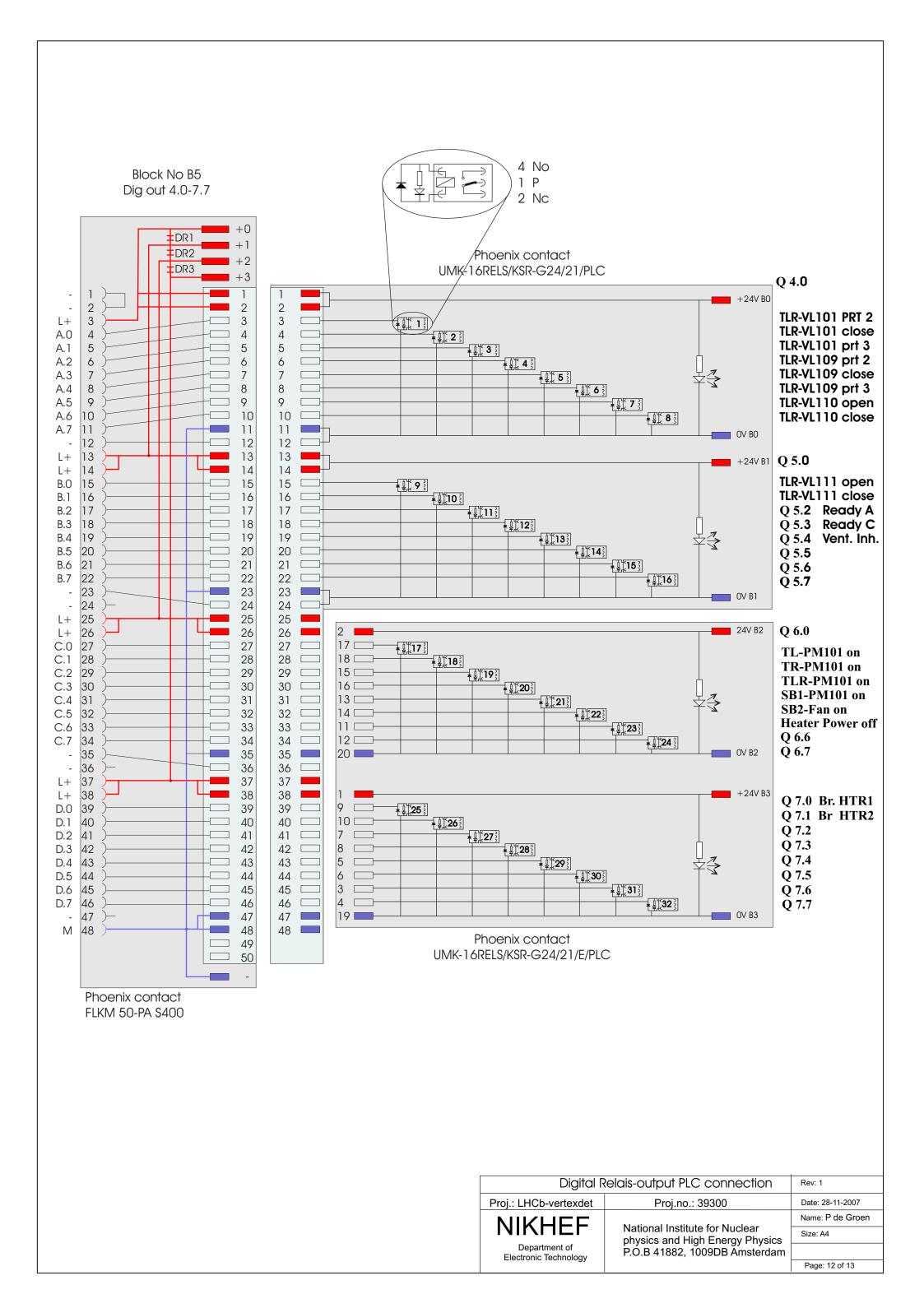
Digital	nput-2 PLC connection	Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 12-02-2007
NIKHEF	N. C. II. C. C. N. I	Name: P de Groen
INIKITET	National Institute for Nuclear physics and High Energy Physics	Size: A4
Department of Electronic Technology	P.O.B 41882, 1009DB Amsterdam	
Liconomic recimology		Page: 12 of 13

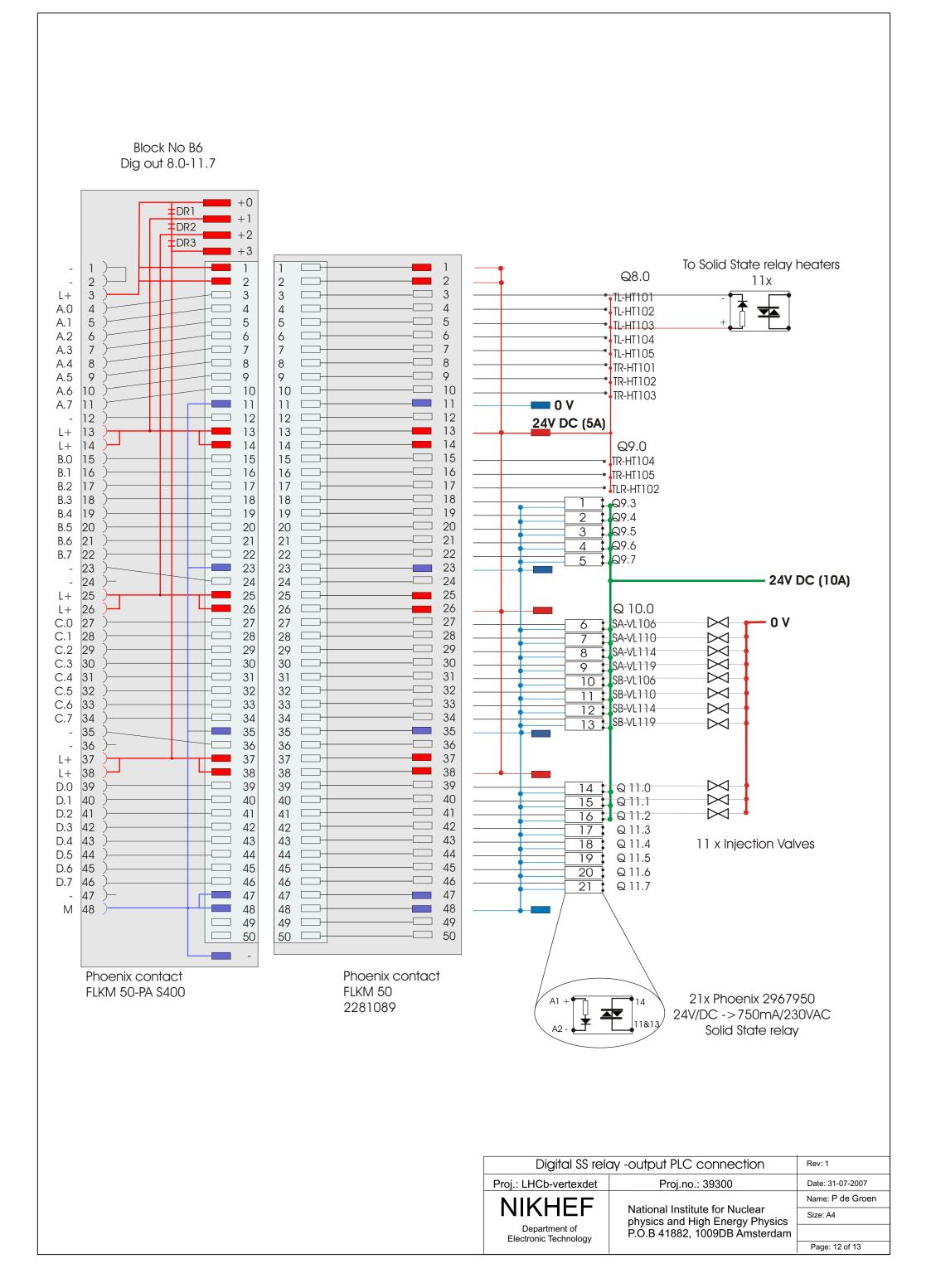


Digital i	input-3 PLC connection	Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 3-12-2007
NIKHEF	National Institute for Nuclear physics and High Energy Physics P.O.B 41882, 1009DB Amsterdam	Name: P de Groen
INIKITET		Size: A4
Department of Electronic Technology		
		Dogo: 12 of 12

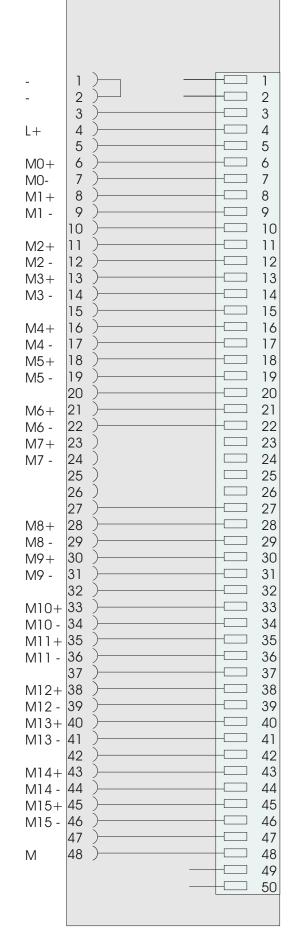


Digital F	Relais-output PLC connection	Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 12-02-2007
NIKHEF		Name: P de Groen
INIKITET	National Institute for Nuclear physics and High Energy Physics	Size: A4
Department of Electronic Technology	P.O.B 41882, 1009DB Amsterdam	
Liconomic recimology		Page: 12 of 13



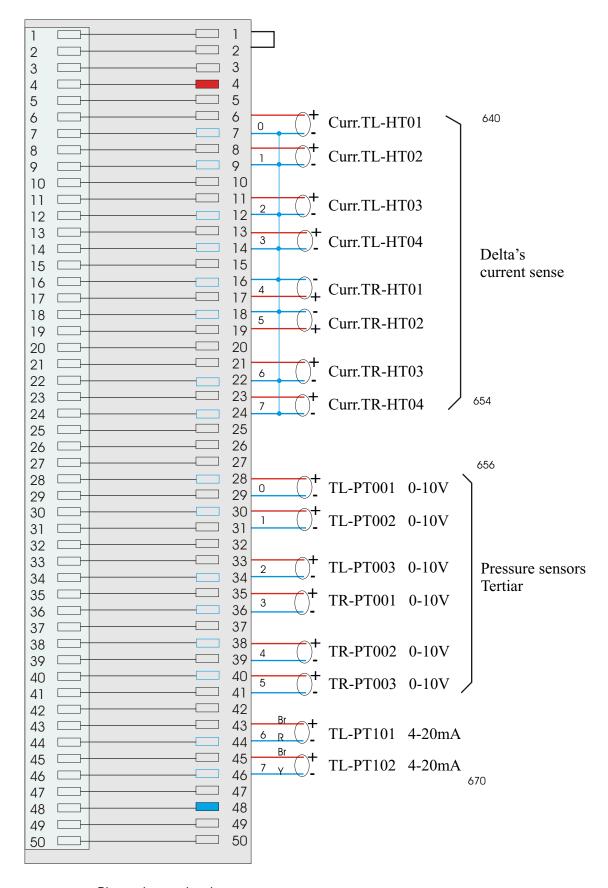


Block No B7 Analog in PIW 640 -> PIW670



Phoenix contact FLKM 50-PA \$400 (3-48)

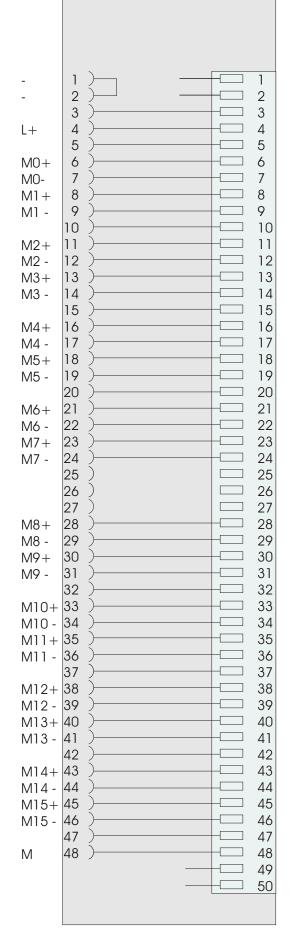
PIW640-670



Phoenix contact FLKM 50 2281089

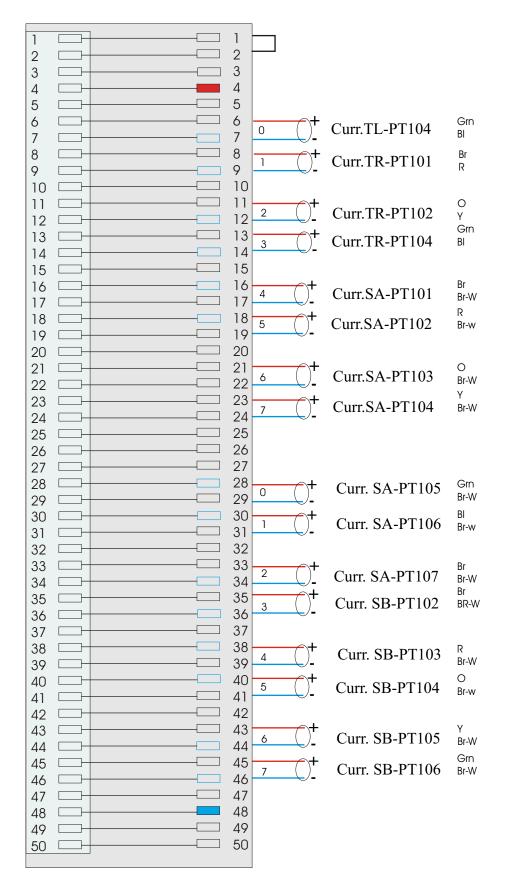
Analog Inpu	t/Output PLC connection	Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 21-11-2007
NIKHEF	N. C. 11 C. C. N. 1	Name: P de Groen
INITYTIET	National Institute for Nuclear physics and High Energy Physics	Size: A4
Department of Electronic Technology	P.O.B 41882, 1009DB Amsterdam	
Liconomic realmology		Page: 12 of 13

# Block No B8 Analog in PIW 672 -> PIW702



Phoenix contact FLKM 50-PA \$400 (3-48)

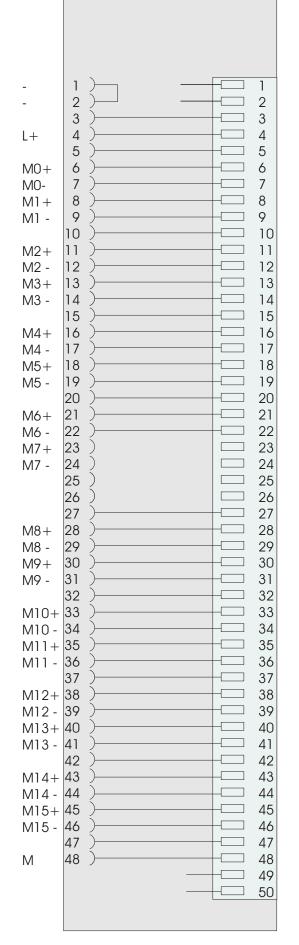
## PIW672-702



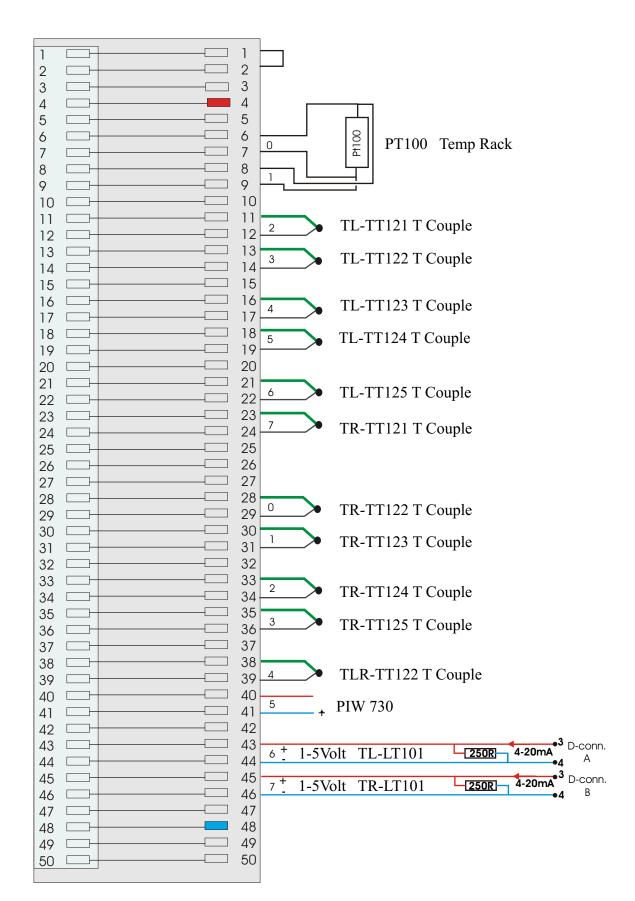
Phoenix contact FLKM 50 2281089

Analog Input/Output PLC connection		Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 12-02-2007
NIKHEF		Name: P de Groen
	National Institute for Nuclear physics and High Energy Physics P.O.B 41882, 1009DB Amsterdam	Size: A4
Department of Electronic Technology		Page: 3 of 7
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Block No B9 Analog in PIW 704 -> PIW734



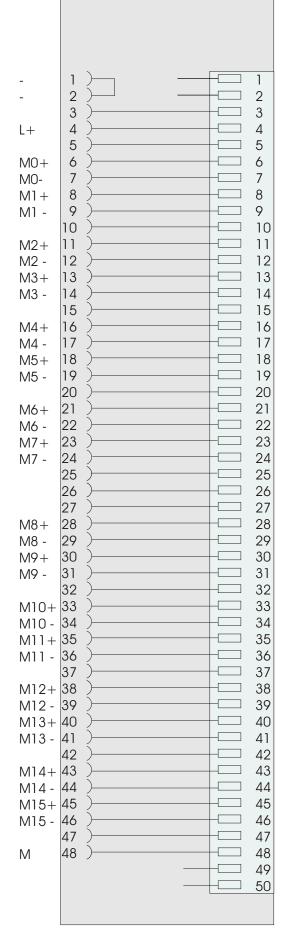
Phoenix contact FLKM 50-PA \$400 (3-48)



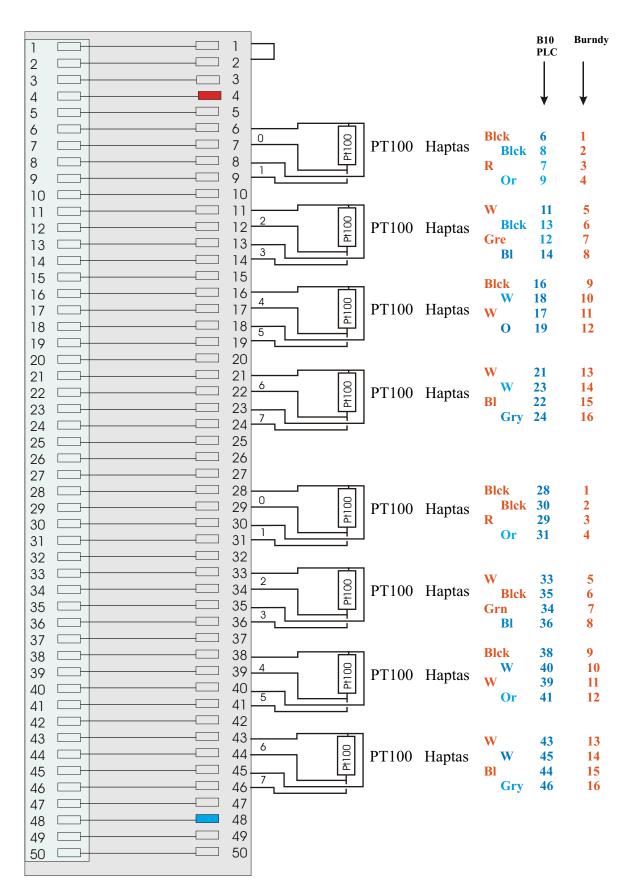
Phoenix contact FLKM 50 2281089

Analog Inpu	t/Output PLC connection	Rev: 1	
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 12-02-2007	
NIKHEF	National Institute for Nuclear physics and High Energy Physics P.O.B 41882, 1009DB Amsterdam	Name: P de Groen	
INIKITET		Size: A4	
Department of Electronic Technology		Page: 11 of 13	
		Page: 12 of 13	

### Block No B10 Analog in PIW 736 -> PIW766



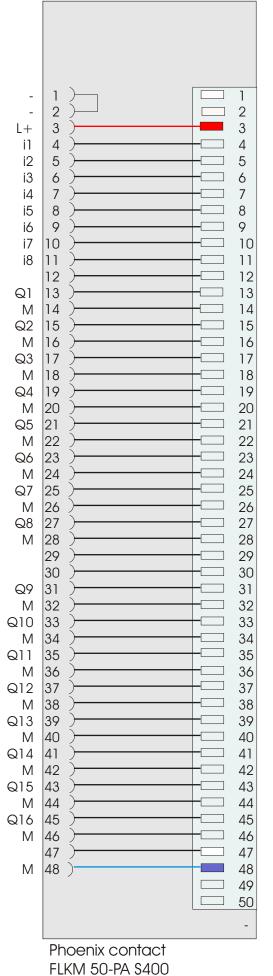
Phoenix contact FLKM 50-PA \$400 (3-48)

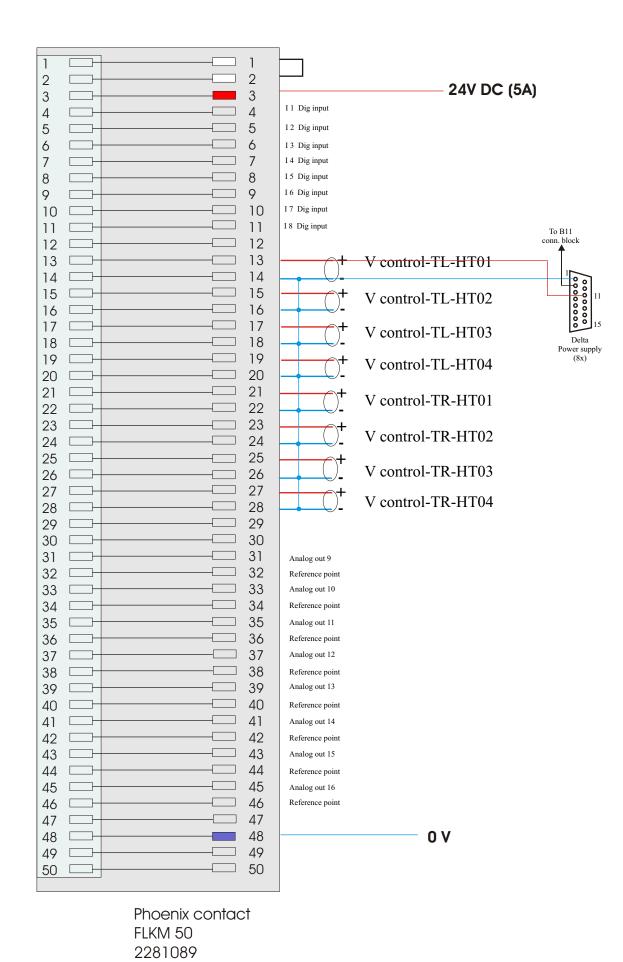


Phoenix contact FLKM 50 2281089

Analog Inpu	t/Output PLC connection	Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 12-02-2007
NIKHEF	National Institute for Nuclear physics and High Energy Physics P.O.B 41882, 1009DB Amsterdam	Name: P de Groen
INIKUEL		Size: A4
Department of Electronic Technology		Page: 11 of 13
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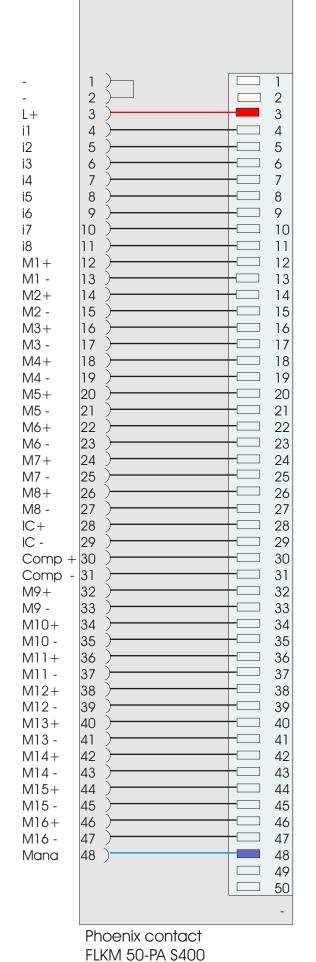
Block No B11 Left hand front connector Fm455 Analog Out

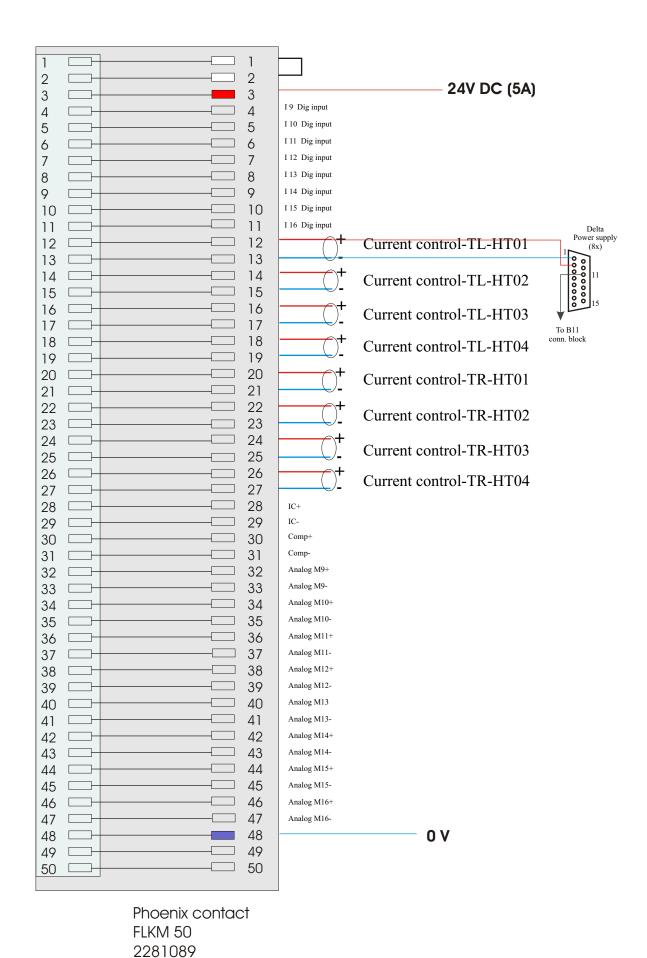




Analoge	e input PLC connection	Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 12-02-2007
NIKHEF	National Institute for Nuclear physics and High Energy Physics P.O.B 41882, 1009DB Amsterdam	Name: P de Groen
		Size: A4
Department of Electronic Technology		
		Page: 12 of 13

Block No B12
Analog IN ---- Fm455
right hand front connector





Analog	output PLC connection	Rev: 1
Proj.: LHCb-vertexdet	Proj.no.: 39300	Date: 12-02-2007
NIKHEF	National Institute for Nuclear physics and High Energy Physics P.O.B 41882, 1009DB Amsterdam	Name: P de Groen
INIKITET		Size: A4
Department of Electronic Technology		
Licensine rediniology		Page: 12 of 13