

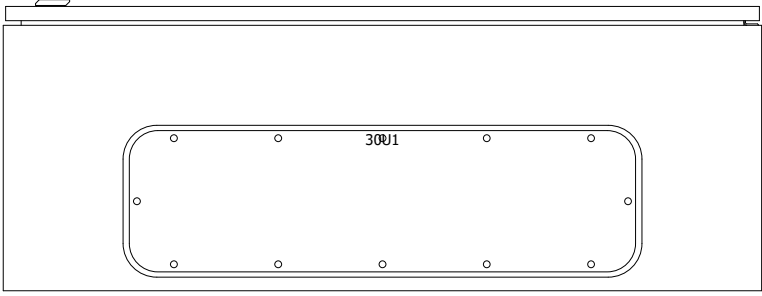
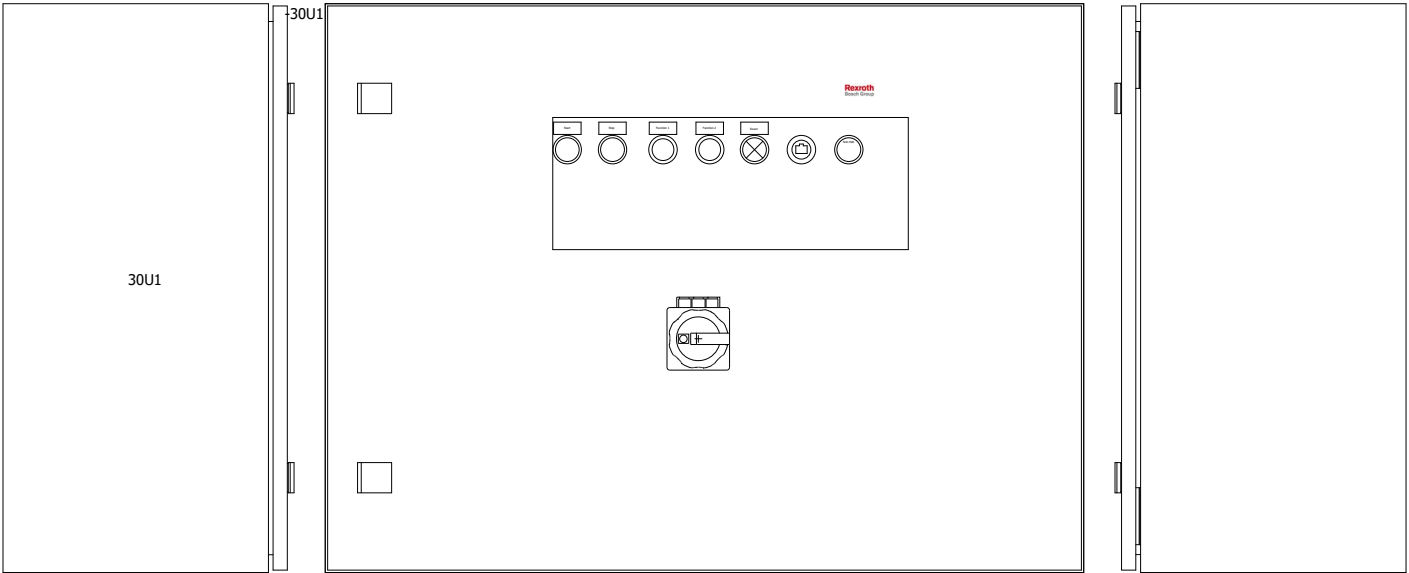
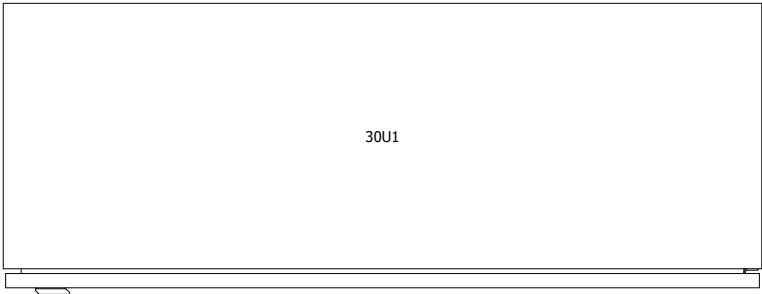


Bosch Rexroth AG

Ernst-Sachs-Starße 100  
97424 Schweinfurt  
Tel. +499721937-0

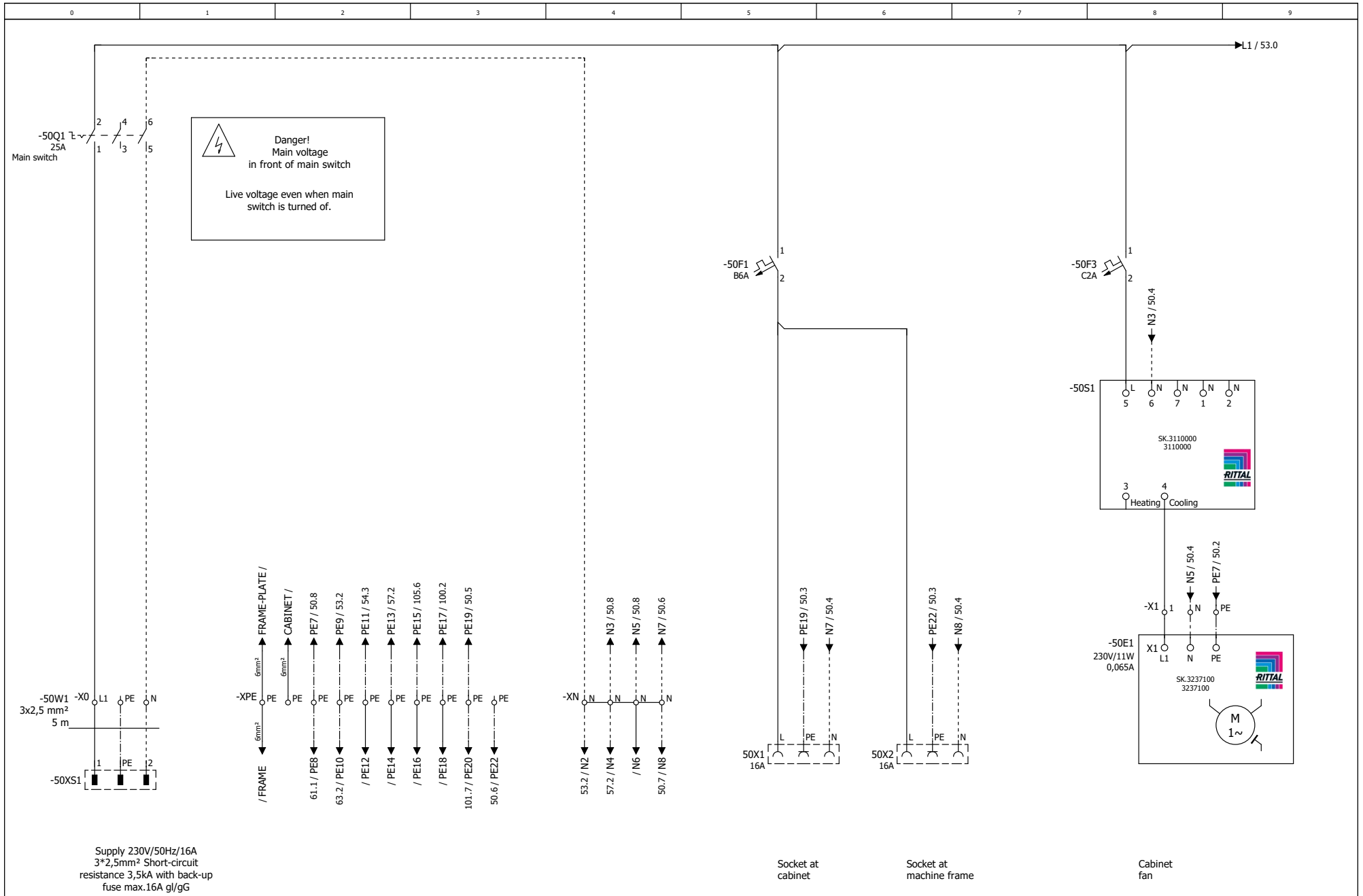


Project	Smart Function Kit	Mains voltage (Ue):	230VAC
		Control voltage (Uc):	24VDC
		Isolation voltage (Ui)	250V
	Example	Voltage impulse resistance (Uimp):	2,5kV
Supplier	Bosch Rexroth AG	Mains frequency (fn):	50Hz
		Mains network type:	TN-S
		Short-circuit protection max. back-up fuse (gL):	16A
		Forward current of the back-up fuse (Ipk):	3,5kA
Project name	Smart Function Kit 1V02 En	Nominal current (InA):	5A
		Max. environmental temperature:	25°C
		Max. cabinet temperature:	50°C
Responsible	Benkert	IP protection class (cabinet):	IP54
Created	28.05.2019		
Changed	17.03.2020		







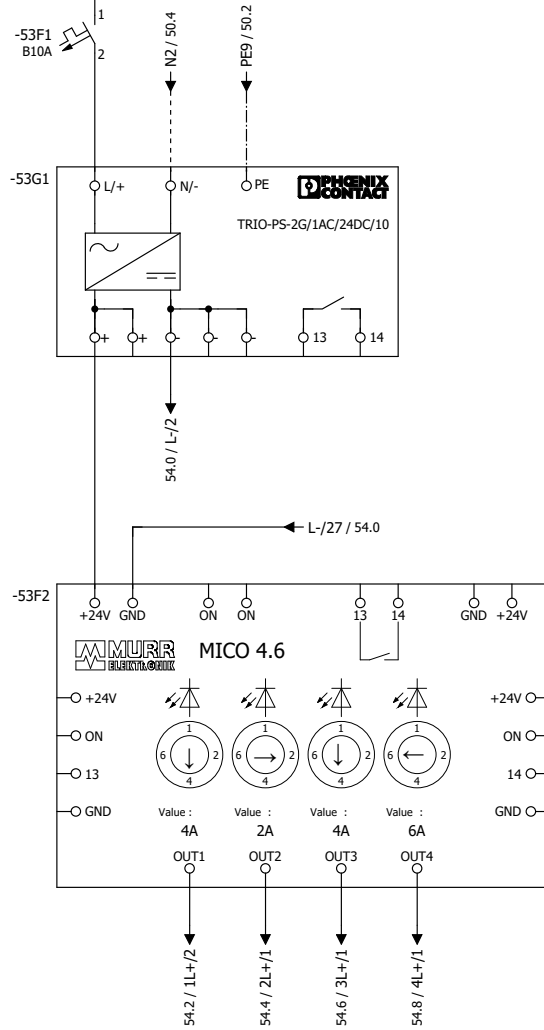


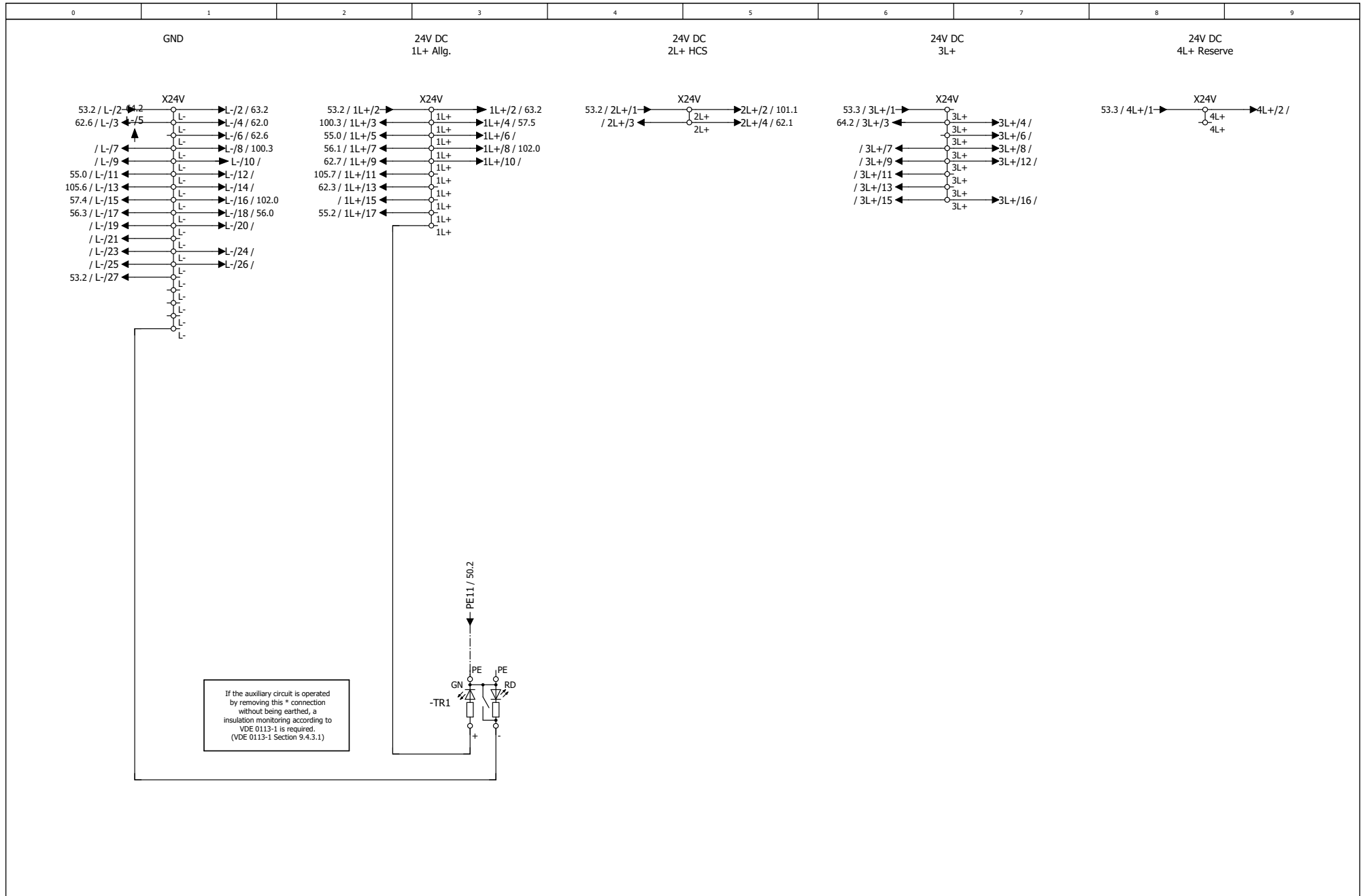
Supply 230V/50Hz/16A  
 3\*2,5mm<sup>2</sup> Short-circuit  
 resistance 3,5kA with back-up  
 fuse max.16A gI/gG

		Date	18.09.2019	Example	Mains power supply	=
		Orig.	harabek			
				Smart Function Kit		+
						Sheet 50
						Page 10 / 39



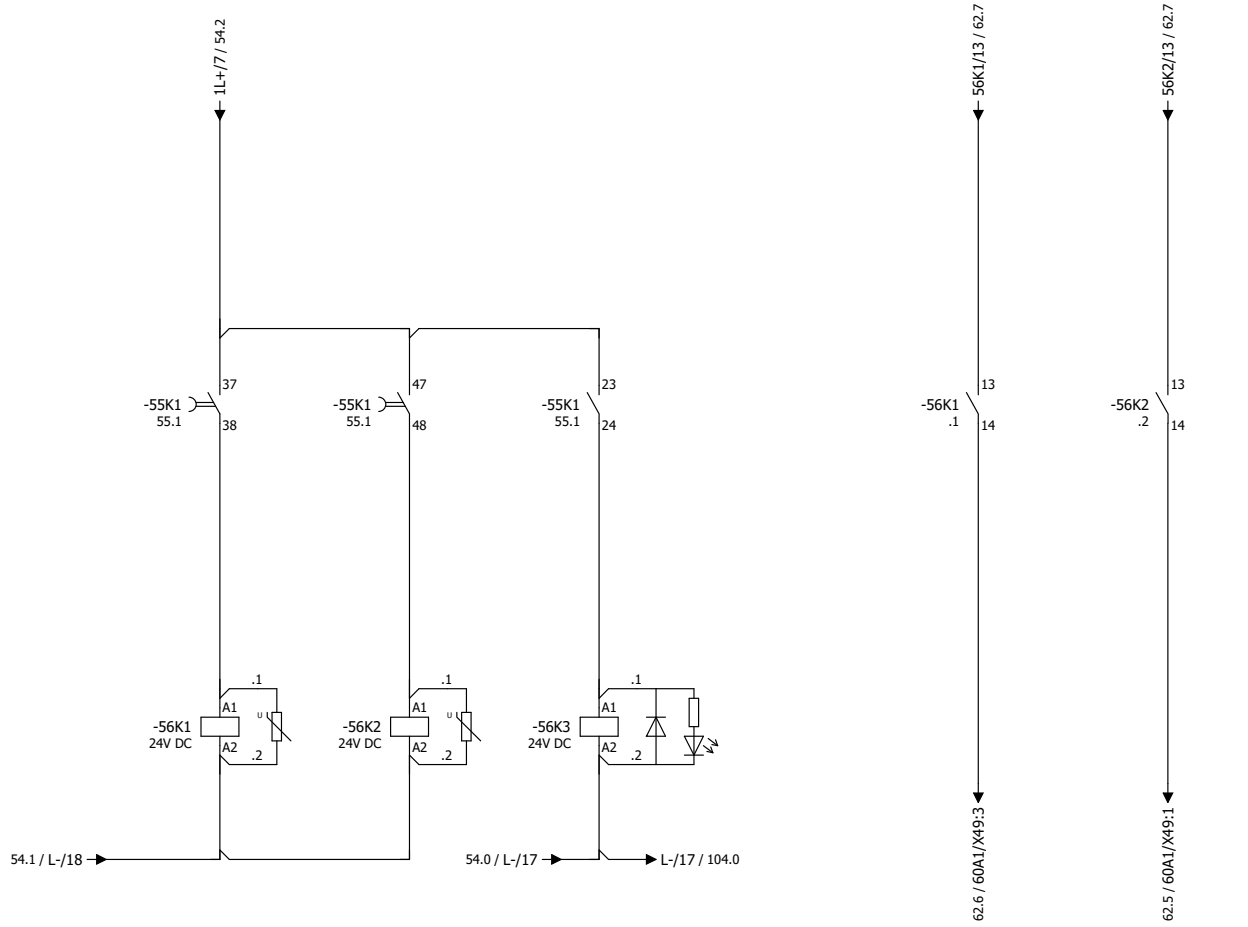
50.9 / L1 → L1 / 57.0





If the auxiliary circuit is operated without being earthed, a insulation monitoring according to VDE 0113-1 is required (VDE 0113-1 Section 9.4.3.1)





3RH2131-2BB40  
VDR  
13 - 14 .5  
21 - 22 55.4  
33 - 34  
43 - 44

3RH2131-2BB40  
VDR  
13 - 14 .6  
21 - 22 55.4  
33 - 34  
43 - 44

49.52.9.024.0050  
VDR  
14 - 11 62.2  
12 - 11 62.2  
24 -  
22 - 21

STO Ch 1

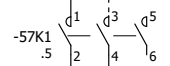
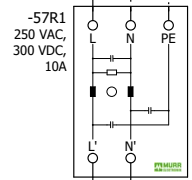
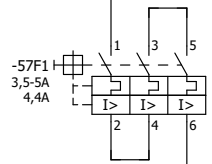
STO Ch 2

E-Stop OK

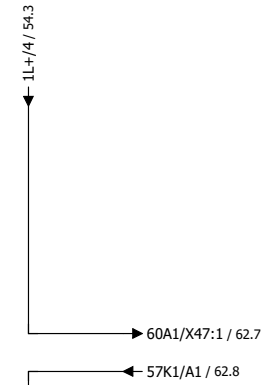
HCS01 SI\_Ch1

HCS01 SI\_Ch2

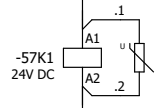
53.9 / L1 → L1 /



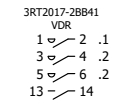
61.0 / 60A1/X3.L1  
61.0 / 60A1/X3.L2



Ready  
HCS01



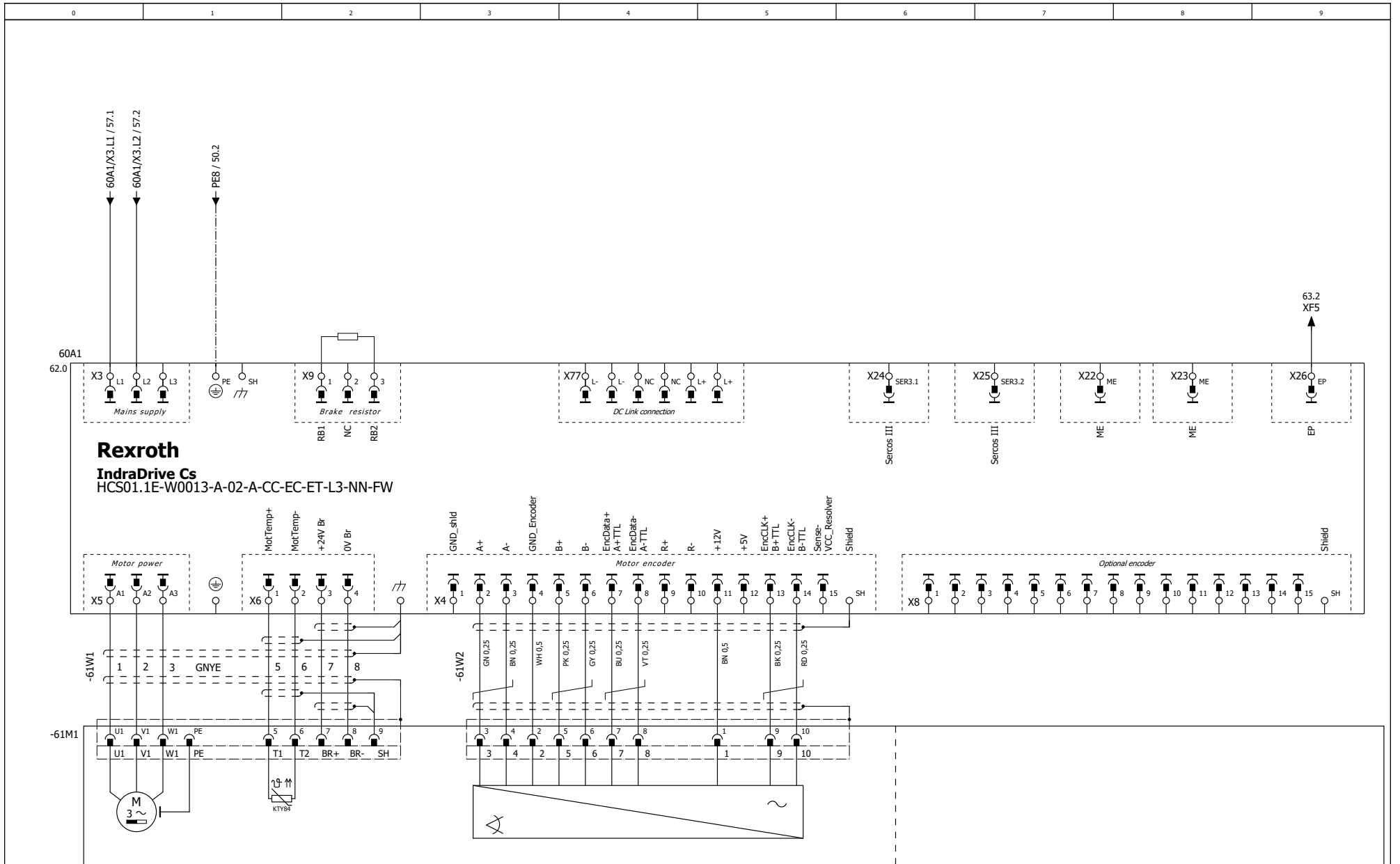
54.0 / L-15 → L-15 /



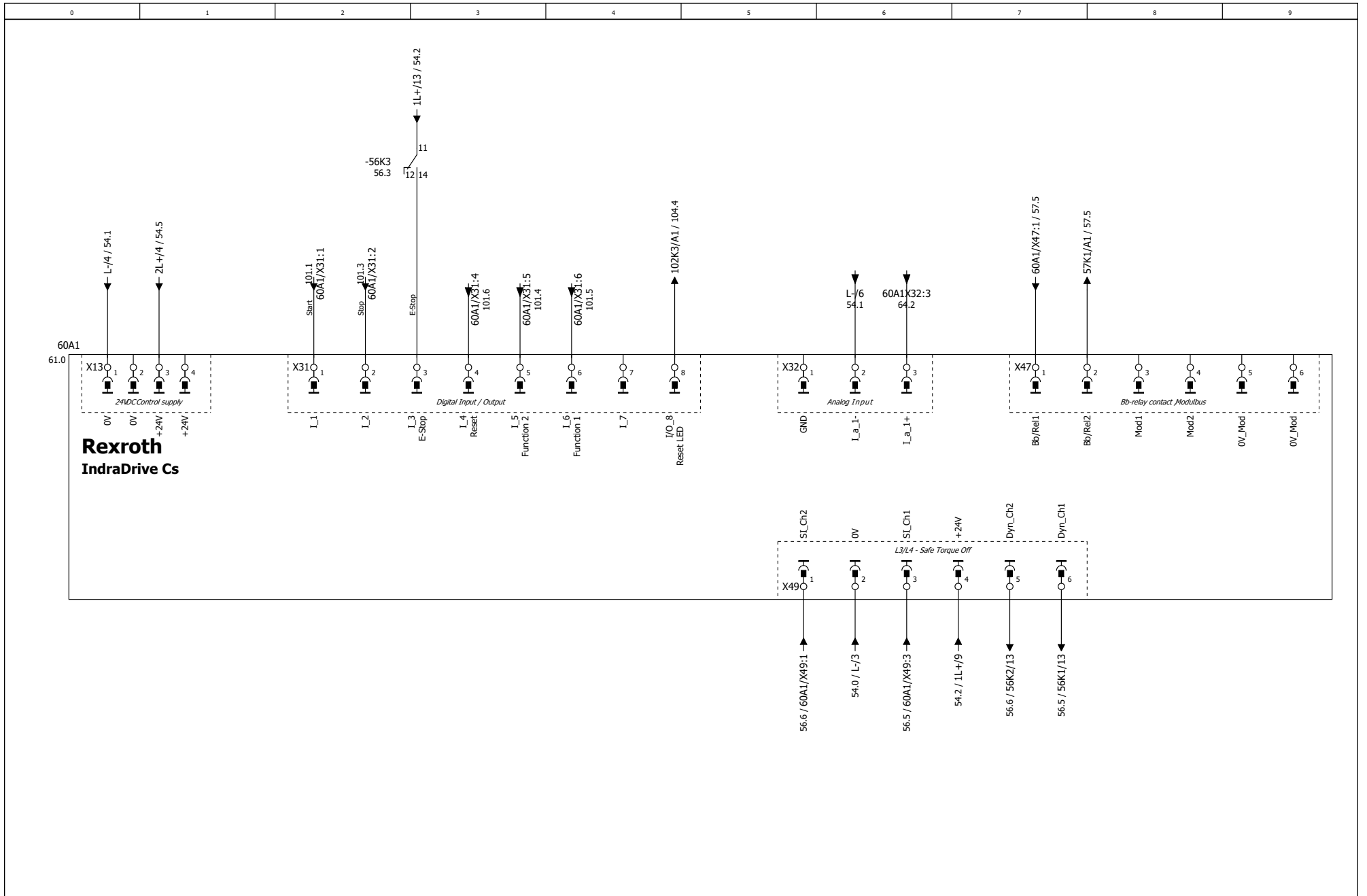
HCS01

Power HCS01





Date	18.09.2019	Example	HSC01 Power unit	=
Orig.	harabenk			
		Smart Function Kit		+
			Sheet 61	
			Page 17 / 39	

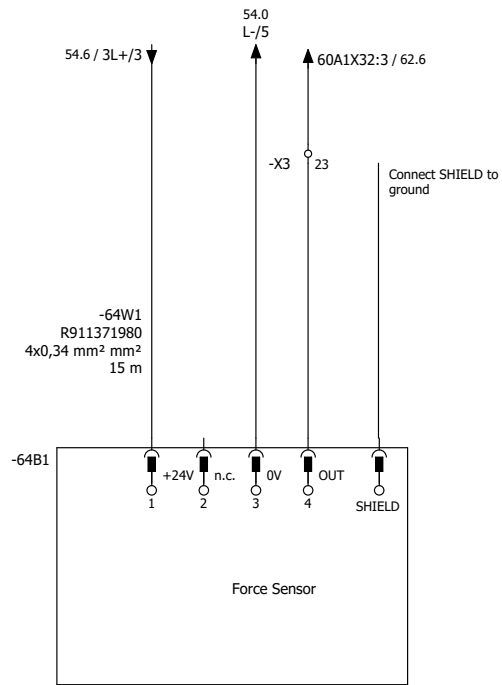


**Rexroth**  
**IndraDrive Cs**

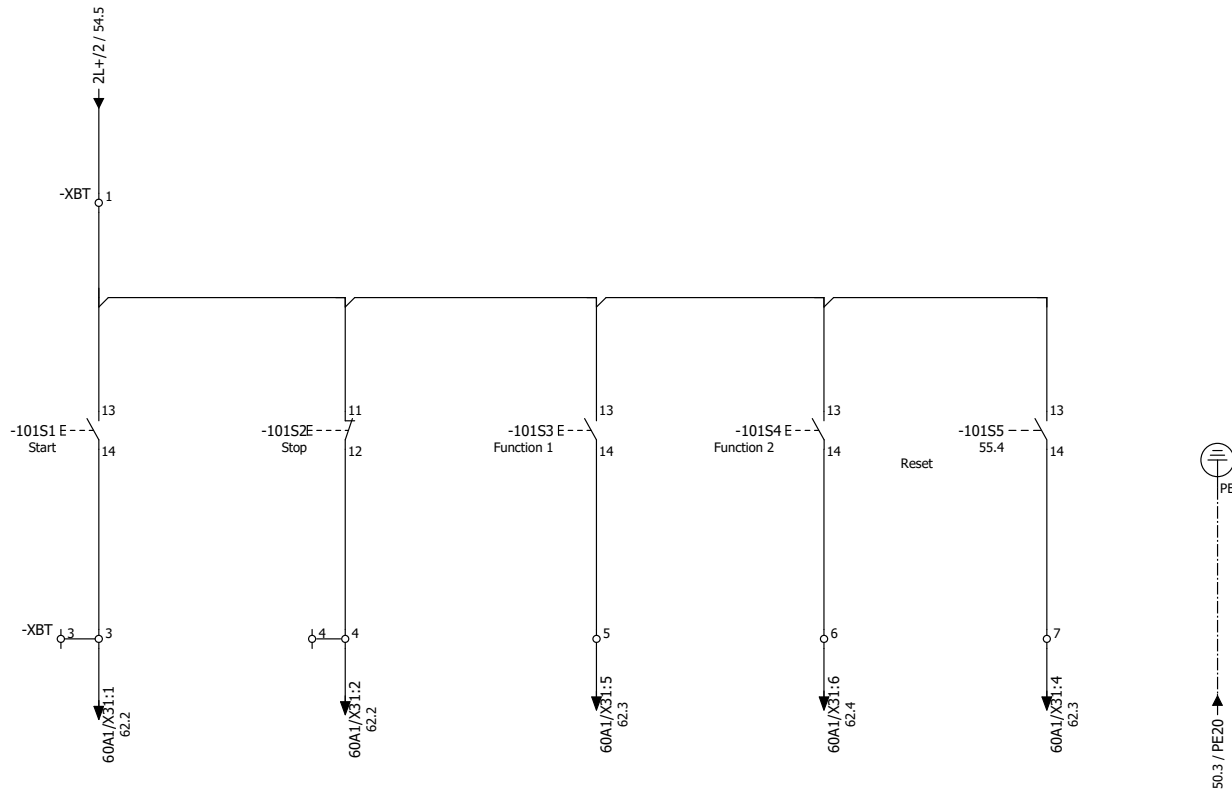
Date	18.09.2019	Example	HSC01 control unit	=
Orig.	harabenk			
		Smart Function Kit		+
				Sheet 62
				Page 18 / 39







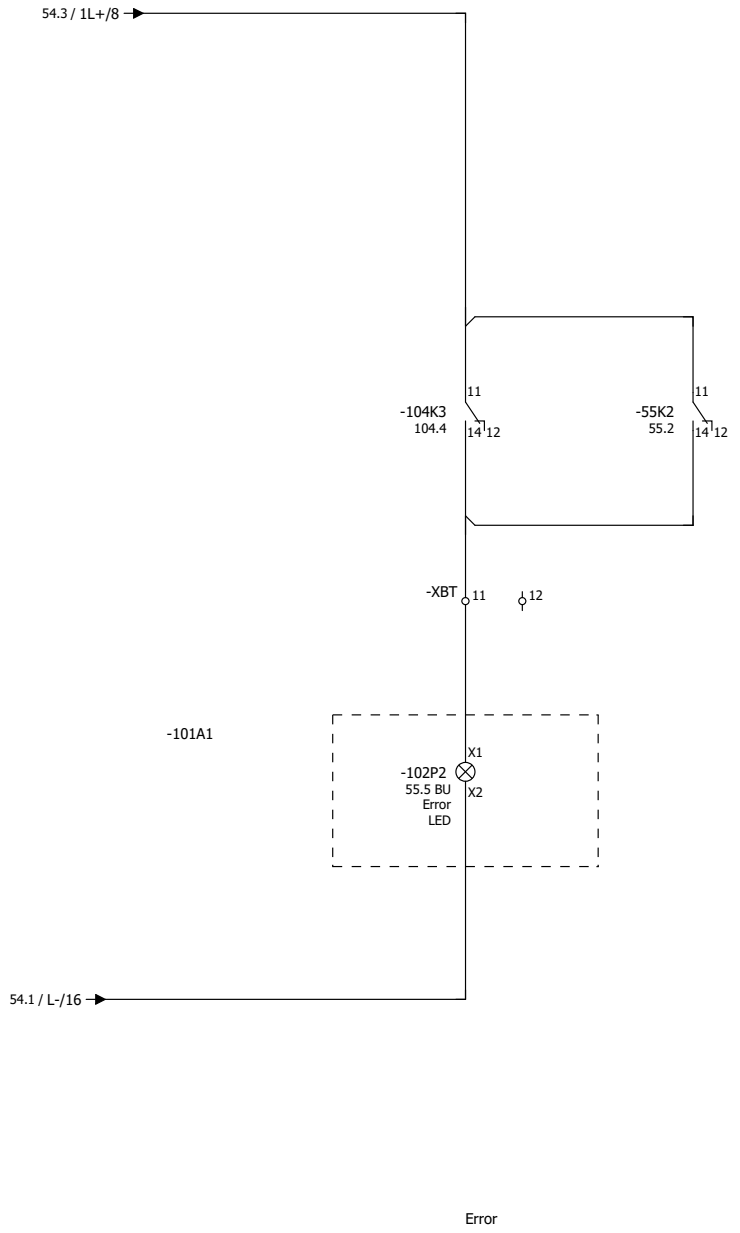


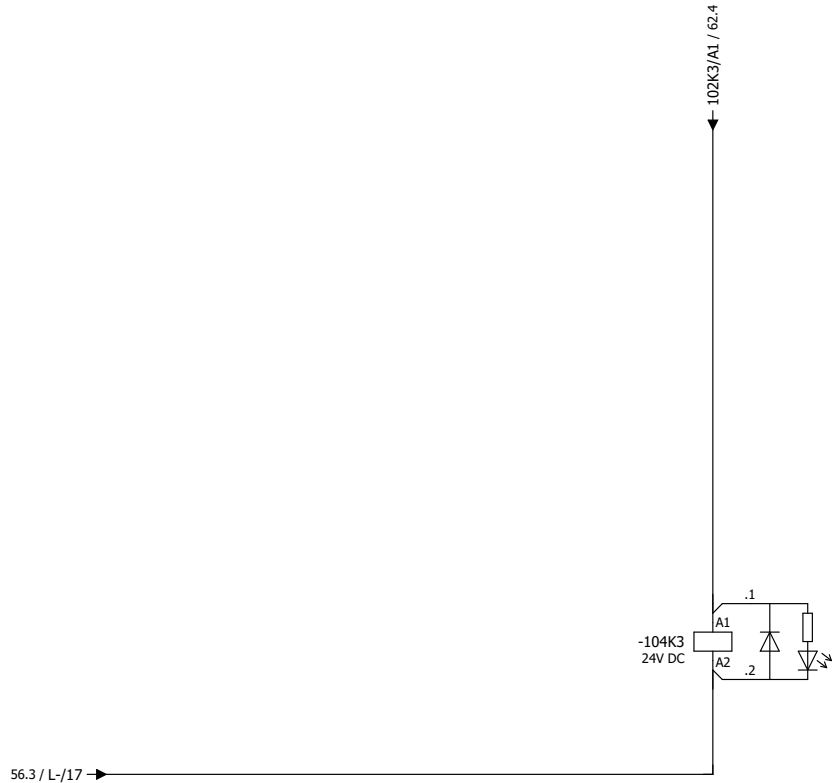


**Rexroth**  
Bosch Group

VAM 04

Date	18.09.2019	Example	Control panel VAM 04	=
Orig.	harabenk			
		Smart Function Kit		+
				Sheet 101
				Page 22 / 39





49.52.9.024.0050  
 14 — 11 102.2  
 12 —  
 24 —  
 22 — 21

Error

