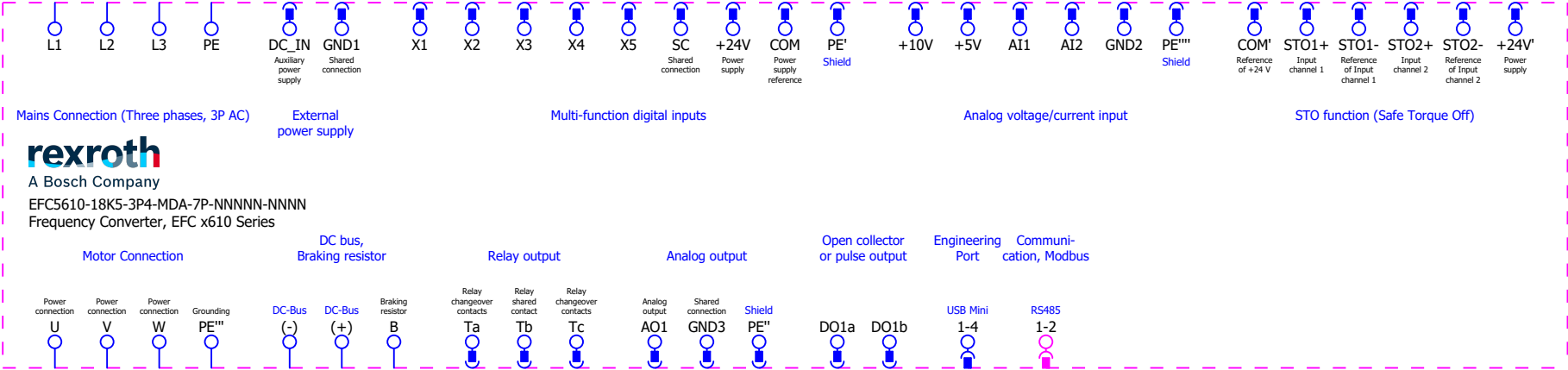




0	1	2	3	4	5	6	7	8	9
L1 L2 L3 PE rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN Frequency Converter, EFC x610 Series Mains Connection (Three phases, 3P AC)									
1									3
Date	2023-06-29	rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN provided by Rexroth Generator Article Data					XNETZ3P_Function		Page2 Page2 / 13

0	1	2	3	4	5	6	7	8	9
DC_IN Auxiliary power supply GND1 Shared connection rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN Frequency Converter, EFC x610 Series External power supply									
2								4	
Date	2023-06-29	rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN provided by Rexroth Generator Article Data					XDCIN_Function		Page 3 Page 3 / 13

0	1	2	3	4	5	6	7	8	9	
X1 X2 X3 X4 X5 SC Shared connection +24V Power supply COM Power supply reference PE' Shield rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN Frequency Converter, EFC x610 Series Multi-function digital inputs										
3								5		
Date	2023-06-29	rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN provided by Rexroth Generator Article Data						XDEA_Function		Page 4 Page 4 / 13

0	1	2	3	4	5	6	7	8	9
+10V +5V AI1 AI2 GND2 PE''' Shield rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN Frequency Converter, EFC x610 Series Analog voltage/current input									
4								6	
Date	2023-06-29	rexroth A Bosch Company					EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN		XAE_Function
provided by Rexroth Generator Article Data									
									Page 5
									Page 5 / 13

0	1	2	3	4	5	6	7	8	9
COM' Reference of +24 V ST01+ Input channel 1 ST01- Reference of Input channel 1 ST02+ Input channel 2 ST02- Reference of Input channel 2 +24V' Power supply rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN Frequency Converter, EFC x610 Series STO function (Safe Torque Off)									
5								7	
Date	2023-06-29	rexroth A Bosch Company EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN provided by Rexroth Generator Article Data					XSTO_Function		Page6 Page6 / 13



A Bosch Company

EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN

Frequency Converter, EFC x610 Series

Motor Connection

Power connection

Power connection

Power connection

Grounding

U
O
$$\underset{\circ}{V}$$
W
O

PE"
O



A Bosch Company

EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN

Frequency Converter, EFC x610 Series

Relay output

Relay
changeover
contacts

Ta

Relay
shared
contact

b

♀

Relay
changeover
contacts

C

Q



A Bosch Company

EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN

Frequency Converter, EFC x610 Series

Analog output

Analog
output
AO1

AO1

Shared
connection
GND3

GND3

♀

Shield
PE"

PE''

♀



A Bosch Company

EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN

Frequency Converter, EFC x610 Series

Open collector or pulse output

D01a



DO1b





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EFC5610-18K5-3P4-MDA-7P-NNNNN-NNNN

Frequency Converter, EFC x610 Series

Engineering Port

USB Mini

1-4



