

SCHALTPLAN



KBS Gastrotechnik GmbH – Schoßbergstraße 26 – 65201 Wiesbaden


Type : NEN 16 AL (ME)
Voltage : 400V 3P NE
Frequency : 50/60Hz
Power Consumption: 12kW
Gas Consumption :
Current : 18A

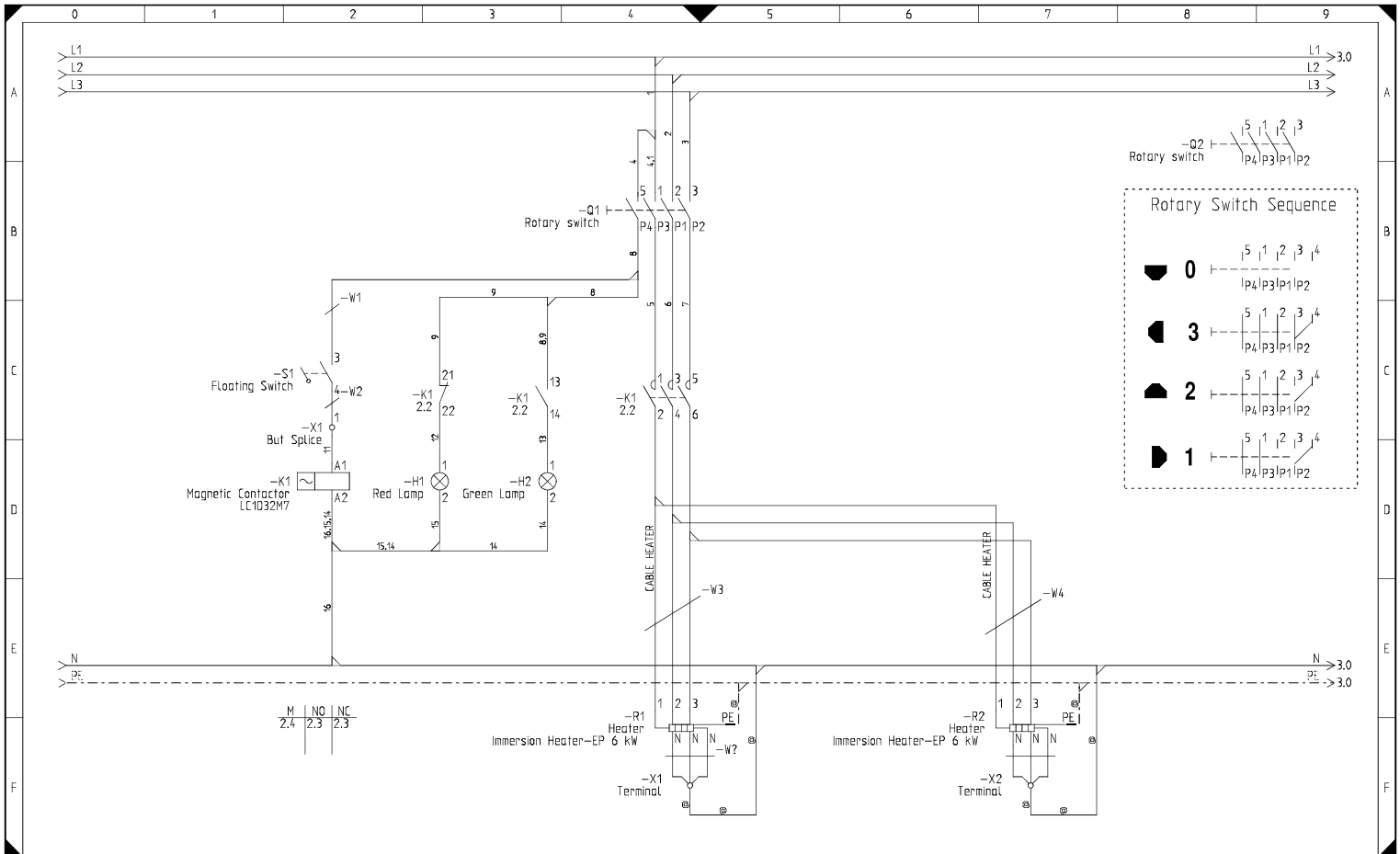
electrical documentation


Telp.+62 24 6580 573

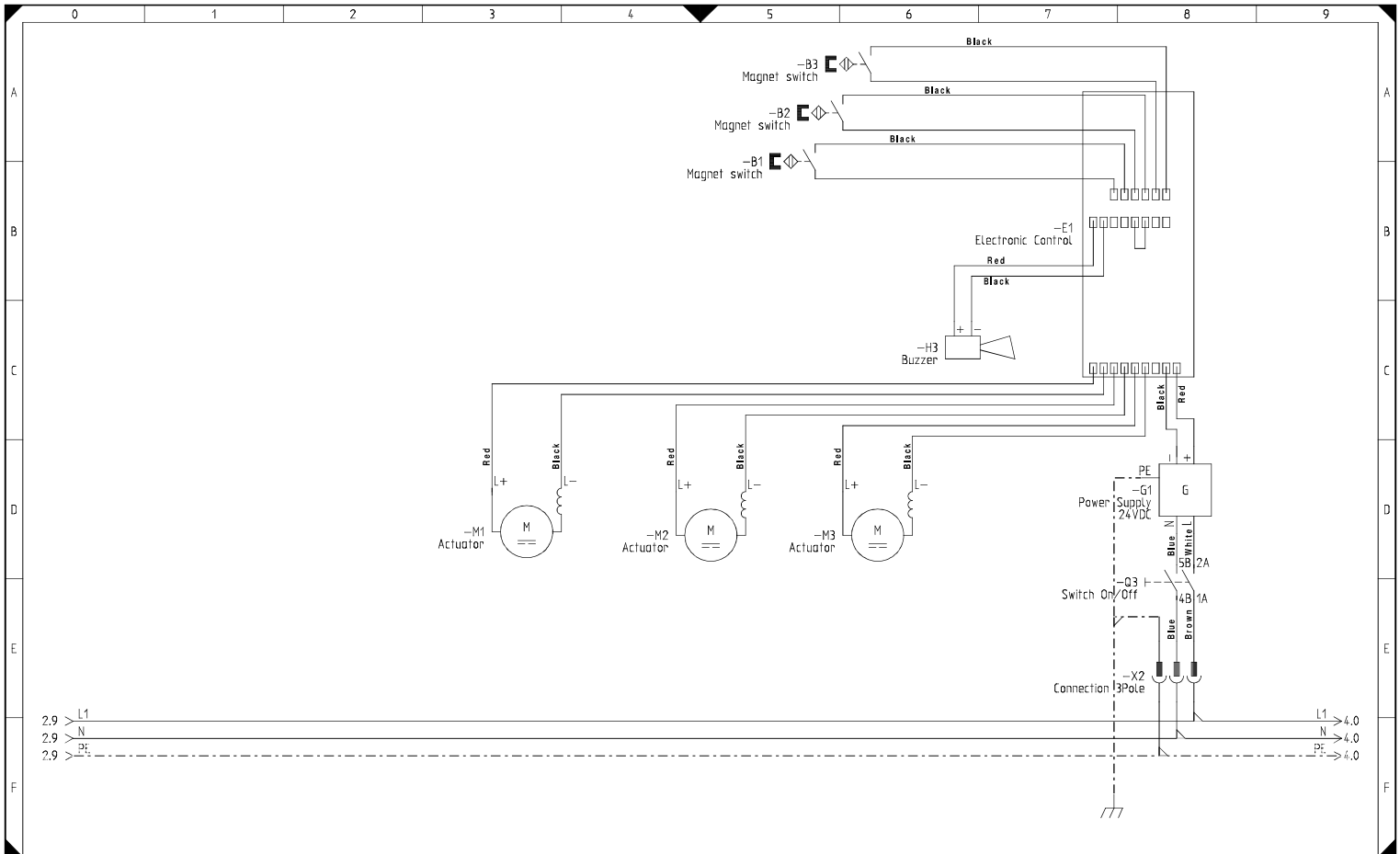
Fax.+62 24 6580 573

nayati@nayati.com

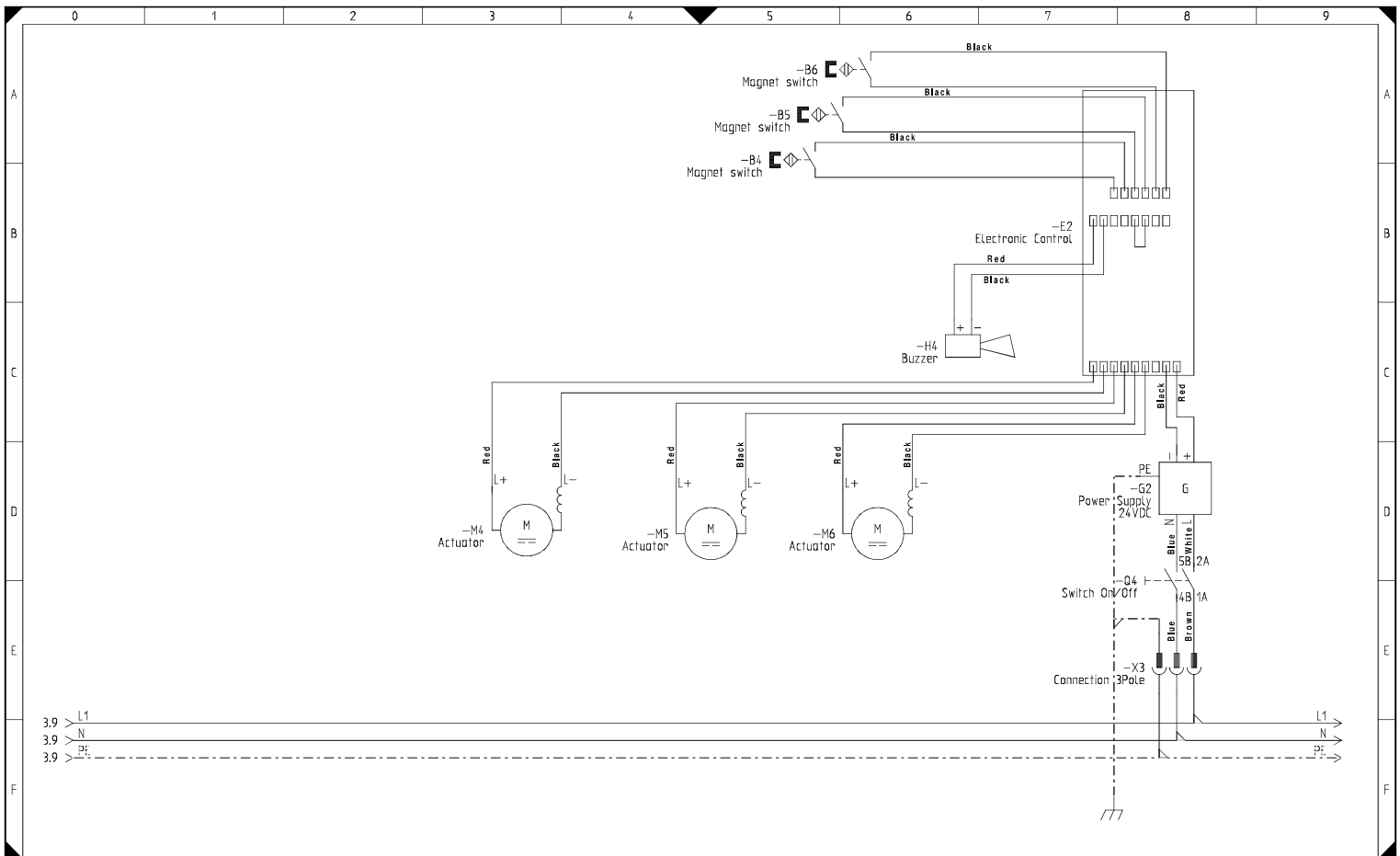
	PT.NAYATI INDONESIA Jl.Raya Terboyo No.19 Kawasan Industri Terboyo Megah Semarang 50112	NEN 16 AL (ME)			Drawing Nr.	Created Date	Project:		Page
		400V 3P NE	12kW	18A	1011	5/20/2022	Electric		1
		50/60Hz			Rev Nr.	Rev Date	Drawn	All Page	Next Page
					001	2/28/2023	KRIST	4	2



	PT.NAYATI INDONESIA Jl.Raya Terboyo No.19 Kawasan Industri Terboyo Megah Semarang 50112	NEN 16 AL (ME)			Drawing Nr. 1011	Created Date 5/20/2022	Project: Electric	Page 2	
		400V 3P NE	12kW	18A	Rev Nr. 001	Rev Date 2/28/2023	Drawn KRIST	All Page 4	Next Page 3
		50/60Hz							



	PT.NAYATI INDONESIA Jl.Raya Terboyo No.19 Kawasan Industri Terboyo Megah Semarang 50112	NEN 16 AL (ME)			Drawing Nr.	Created Date	Project:	Page
		400V 3P NE	12kW	18A	1011	5/20/2022	Electric	3
		50/60Hz			Rev Nr.	Rev Date	Drawn	All Page
				001	2/28/2023	KRIST	4	4



	PT.NAYATI INDONESIA Jl.Raya Terboyo No.19 Kawasan Industri Terboyo Megah Semarang 50112	NEN 16 AL (ME)			Drawing Nr. 1011	Created Date 5/20/2022	Project: Electric	Page 4	
		400V 3P NE	12kW	18A	Rev Nr. 001	Rev Date 2/28/2023	Drawn KRIST	All Page 4	Next Page
		50/60Hz							

List of Products

Product	Type	Description	Document type	Sheet	Path
-K1	LC1D32M7	Magnetic Contactor	Circuit diagrams	2	2
-S1	Float Switch Horizontal	Floating Switch	Circuit diagrams	2	2
-H1	Pilot Light 230 Vac Red	Red Lamp	Circuit diagrams	2	3
-H2	Pilot Light 230 Vac Green	Green Lamp	Circuit diagrams	2	3
-Q1	RS 3Step 32A	Rotary switch	Circuit diagrams	2	4
-R1	Immersion Heater-EP 6 kW	Heater	Circuit diagrams	2	4
-X1	Screw Wire Conector	Terminal	Circuit diagrams	2	4
-R2	Immersion Heater-EP 6 kW	Heater	Circuit diagrams	2	7
-X2	Screw Wire Conector	Terminal	Circuit diagrams	2	7
-Q2	RS 3 step (32A)	Rotary switch	Circuit diagrams	2	8
-M1		Actuator	Circuit diagrams	3	3
-M2		Actuator	Circuit diagrams	3	4
-B1		Magnet switch	Circuit diagrams	3	5
-B2		Magnet switch	Circuit diagrams	3	6
-B3		Magnet switch	Circuit diagrams	3	6
-H3		Buzzer	Circuit diagrams	3	6
-M3		Actuator	Circuit diagrams	3	6
-E1		Electronic Control	Circuit diagrams	3	7
-G1	24VDC	Power Supply	Circuit diagrams	3	8
-Q3	Switch On/Off 16A/220V IPX	Switch On/Off	Circuit diagrams	3	8
-X2		Connection 3Pole	Circuit diagrams	3	8
-X4			Circuit diagrams	3	8
-X5			Circuit diagrams	3	8
-M4		Actuator	Circuit diagrams	4	3
-M5		Actuator	Circuit diagrams	4	4
-B4		Magnet switch	Circuit diagrams	4	5
-B5		Magnet switch	Circuit diagrams	4	6
-B6		Magnet switch	Circuit diagrams	4	6
-H4		Buzzer	Circuit diagrams	4	6
-M6		Actuator	Circuit diagrams	4	6



PT.NAYATI INDONESIA
 Jl.Raya Terboyo No.19
 Kawasan Industri Terboyo Megah
 Semarang 50112

NEN 16 AL (ME)		
400V 3P NE	12kW	18A
50/60Hz		

Drawing Nr.	1011	Created Date	5/20/2022
Rev Nr.	001	Rev Date	2/28/2023

Project:	Electric	Page	1
Drawn	KRIST	All Page	2
		Next Page	2

List of Connections

From	To	Type	No.	Colour	Size
-Q3:4B	-X4:		0	BK	1,5
-E1:1	-B1:1		0	BK	1,5
-X1:	N		@	BK	1,5
-E1:1	-B2:1		0	BK	1,5
-E1:1	-H3:+		0	BK	1,5
-X8:	L1		0	BK	1,5
-E1:1	-B3:1		0	BK	1,5
-M1:L+	-E1:1		0	BK	1,5
-E2:1	-B4:2		0	BK	1,5
-M4:L+	-E2:1		0	BK	1,5
-X5:	L1		0	BK	1,5
-X4:	N		0	BK	1,5
-R1:PE	PE		@	BK	1,5
-Q3:1A	-X5:		0	BK	1,5
-E1:1	-B2:2		0	BK	1,5
-G1:L	-Q3:2A		0	BK	1,5
-G1:N	-Q3:5B		0	BK	1,5
-M3:L+	-E1:1		0	BK	1,5
-H3:-	-E1:1		0	BK	1,5
-M2:L+	-E1:1		0	BK	1,5
-E1:1	-G1:+		0	BK	1,5
-E1:1	-G1:-		0	BK	1,5
-E1:1	-M3:L-		0	BK	1,5
-E1:1	-M2:L-		0	BK	1,5
-E1:1	-M1:L-		0	BK	1,5
-E1:1	-E1:1		0	BK	1,5
-X2:	PE		0	BK	1,5
-M6:L+	-E2:1		0	BK	1,5
-E2:1	-M4:L-		0	BK	1,5
-E2:1	-M5:L-		0	BK	1,5

Navati	PT.NAYATI INDONESIA <small>Jl.Raya Terboyo No.19 Kawasan Industri Terboyo Megah Semarang 50112</small>	NEN 16 AL (ME)			Drawing Nr.	Created Date	Project:	Page
		400V 3P NE	12kW	18A	1011	5/20/2022	Electric	1
		50/60Hz			Rev Nr.	Rev Date	Drawn	All Page
					001	2/28/2023	KRIST	3
							Next Page	2

List of Connections

From	To	Type	No.	Colour	Size
-E2:1	-M6:L-		0	BK	1,5
-E2:1	-G2:-		0	BK	1,5
-E2:1	-G2:+		0	BK	1,5
-E1:1	-B3:2		0	BK	1,5
-H4:-	-E2:1		0	BK	1,5
-E2:1	-B6:1		0	BK	1,5
-G2:N	-Q4:SB		0	BK	1,5
-G2:L	-Q4:2A		0	BK	1,5
-Q4:4B	-X7:		0	BK	1,5
-Q4:1A	-X8:		0	BK	1,5
-X3:	PE		0	BK	1,5
-X7:	N		0	BK	1,5
-M5:L+	-E2:1		0	BK	1,5
-E2:1	-B5:1		0	BK	1,5
-X2:	N		@	BK	1,5
-E2:1	-B6:2		0	BK	1,5
-R2:PE	PE		@	BK	1,5
-E1:1	-B1:2		0	BK	1,5
-E2:1	-B4:1		0	BK	1,5
-E2:1	-H4:+		0	BK	1,5
-E2:1	-B5:2		0	BK	1,5
-E2:1	-E2:1		0	BK	1,5
-Q1:1	L1	Heat Resistance Cable	1	WH	2,5
-Q1:2	L2	Heat Resistance Cable	2	WH	2,5
-Q1:3	L3	Heat Resistance Cable	3	WH	2,5
-Q1:1	-Q1:5	Heat Resistance Cable	4	WH	1,5
-Q1:P3	-K1:1	Heat Resistance Cable	5	WH	2,5
-K1:3	-Q1:P1	Heat Resistance Cable	6	WH	2,5
-K1:5	-Q1:P2	Heat Resistance Cable	7	WH	2,5
-Q1:P4	-K1:13		8	WH	1,5

Navati	PT.NAYATI INDONESIA <small>Jl.Raya Terboyo No.19 Kawasan Industri Terboyo Megah Semarang 50112</small>	NEN 16 AL (ME)			Drawing Nr.	Created Date	Project:		Page
		400V 3P NE	12kW	18A	1011	5/20/2022	Electric		2
		50/60Hz			Rev Nr.	Rev Date	Drawn	All Page	Next Page
					001	2/28/2023	KRIST	3	3

