Test1

Electrical diagram

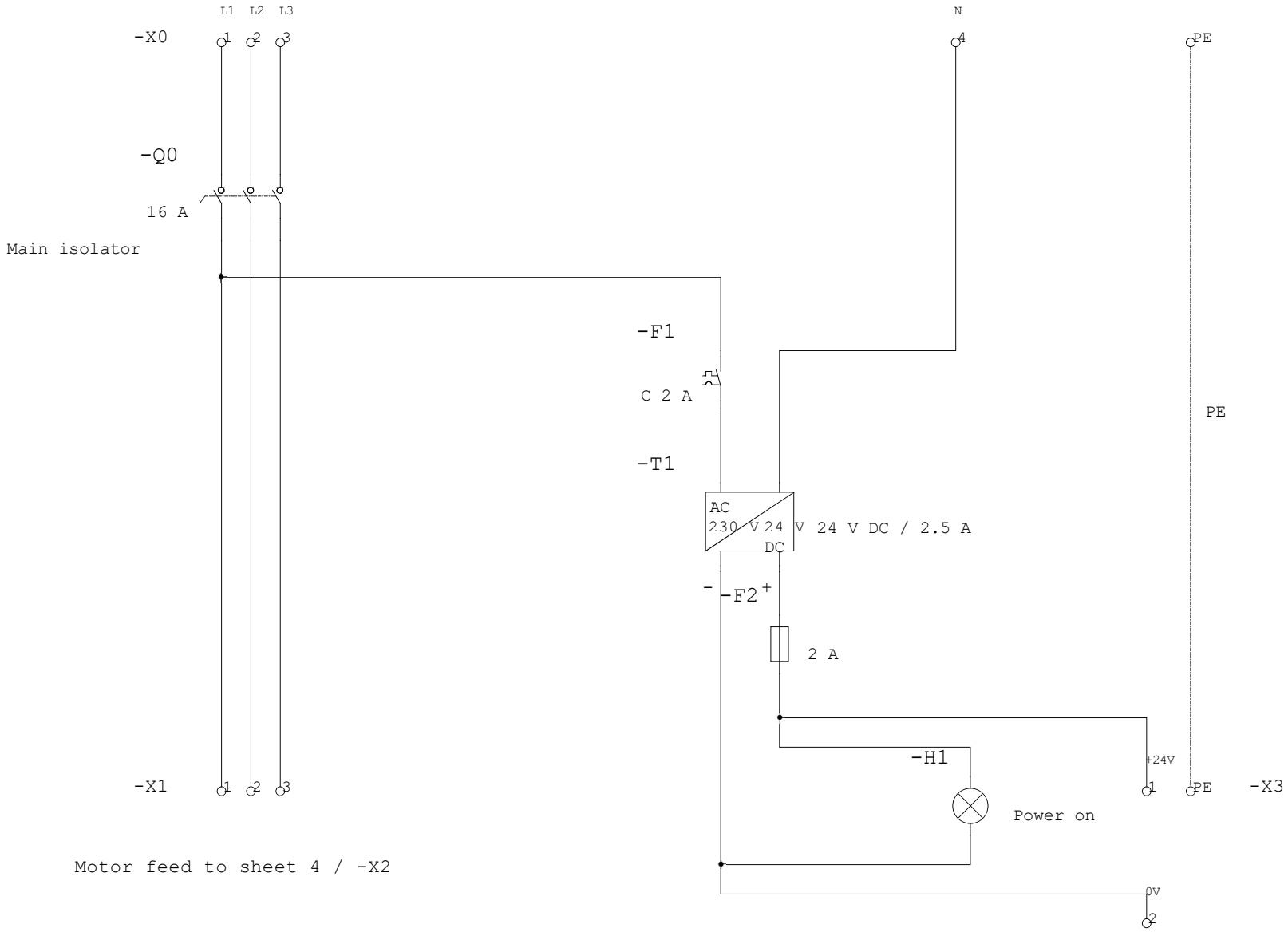
Manufacturer:	XYZ
Project:	Three-phase motor and 24 V DC supply
Drawing number:	TEST1-001
Revision:	1.2

Technical details

Rated current:	6 A
Operating voltage:	400 / 230 V AC
Supply system:	3 phases + N + PE
Auxiliary voltage:	24 V DC
Frequency:	50 Hz

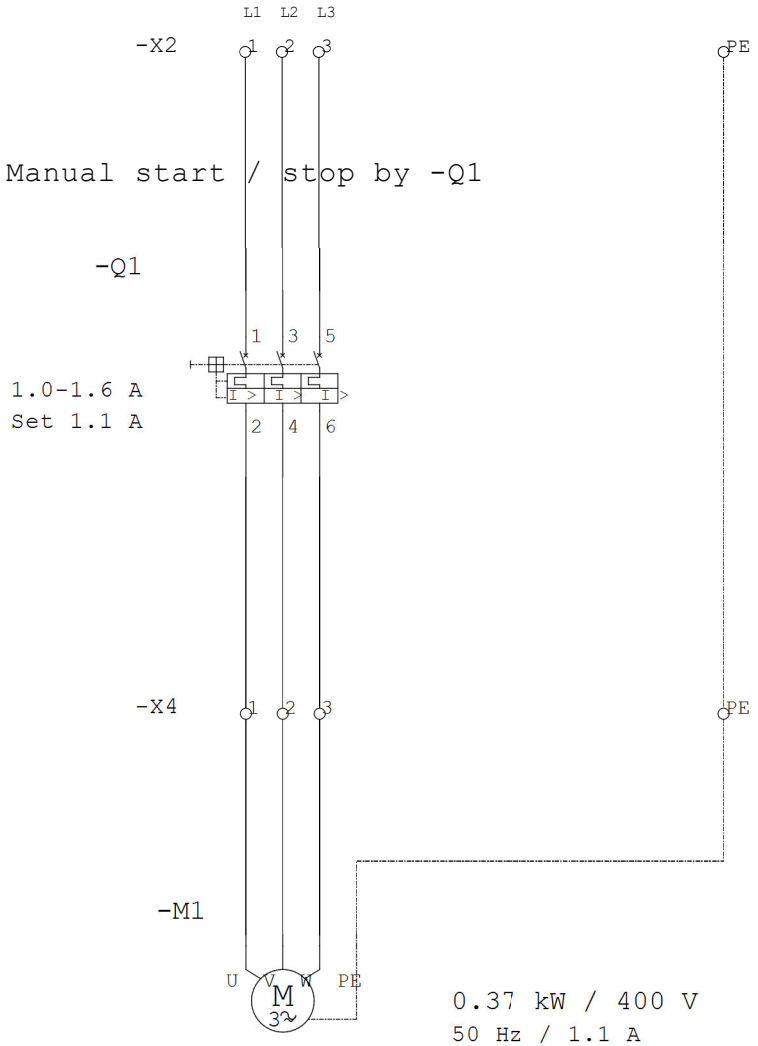
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Incoming supply: 400/230 V AC, 3/N/PE, 50 Hz



	Author: Victor	AC and DC power distribution	Project: Test1
	Date: 26.10.2026	Revision 1.2	Folio: 3/5

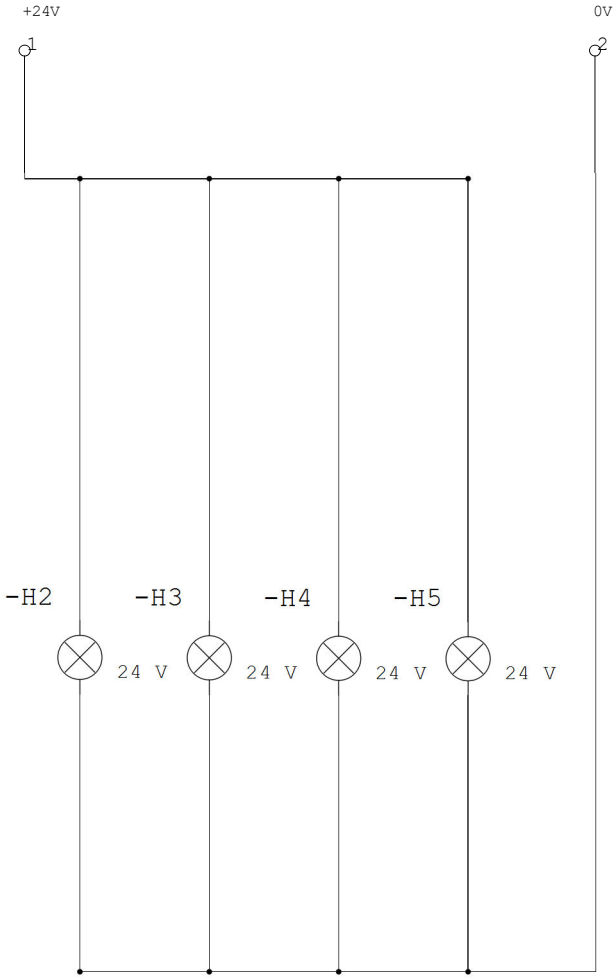
From sheet 3: -X1:1 / 2 / 3 / PE



Three-phase motor

24 V DC auxiliary indicators

From sheet 3: X3:1 (+24V), X3:2 (0V)



Conductors: 0.50 / black (identical settings)

Author: Victor	Three-phase motor	Project: Test1
Date: 26.10.2026	Revision 1.2	Folio: 4/5

No.	Qty	Name	Part number	References	Manufacturer
1	1	AC circuit-breaker, 1-pole C2 A	MCB-1P-C2	F1	XYZ
2	1	Class II power supply 230 V AC / 24 V DC, 2.5 A	PSU-24V-60W	T1	XYZ
3	1	DC fuse and holder, 2 A	FUSE-DC-2A	F2	XYZ
4	21	Feed-through terminal 2.5 mm2	TB-2.5	X0,X1,X3,X2,X4,X5	XYZ
5	5	Indicator lamp, 24 V DC	LAMP-24V	H1,H2,H3,H4,H5	XYZ
6	1	Main isolator, 3-pole 16 A	SW-3P-16A	Q0	XYZ
7	1	Manual motor starter, 3-pole, 1.0-1.6 A	MPCB-1.0-1.6A	Q1	XYZ
8	1	Three-phase motor, 0.37 kW, 400 V, 50 Hz, 1.1 A	MOTOR-3P-0.37KW	M1	XYZ