

## WIRING DIAGRAM

Working voltage: 400 Vac

Auxiliary voltage: 24 Vdc

Frequency: 50 Hz

Nominal current: 10 A

Total power: 23 kW

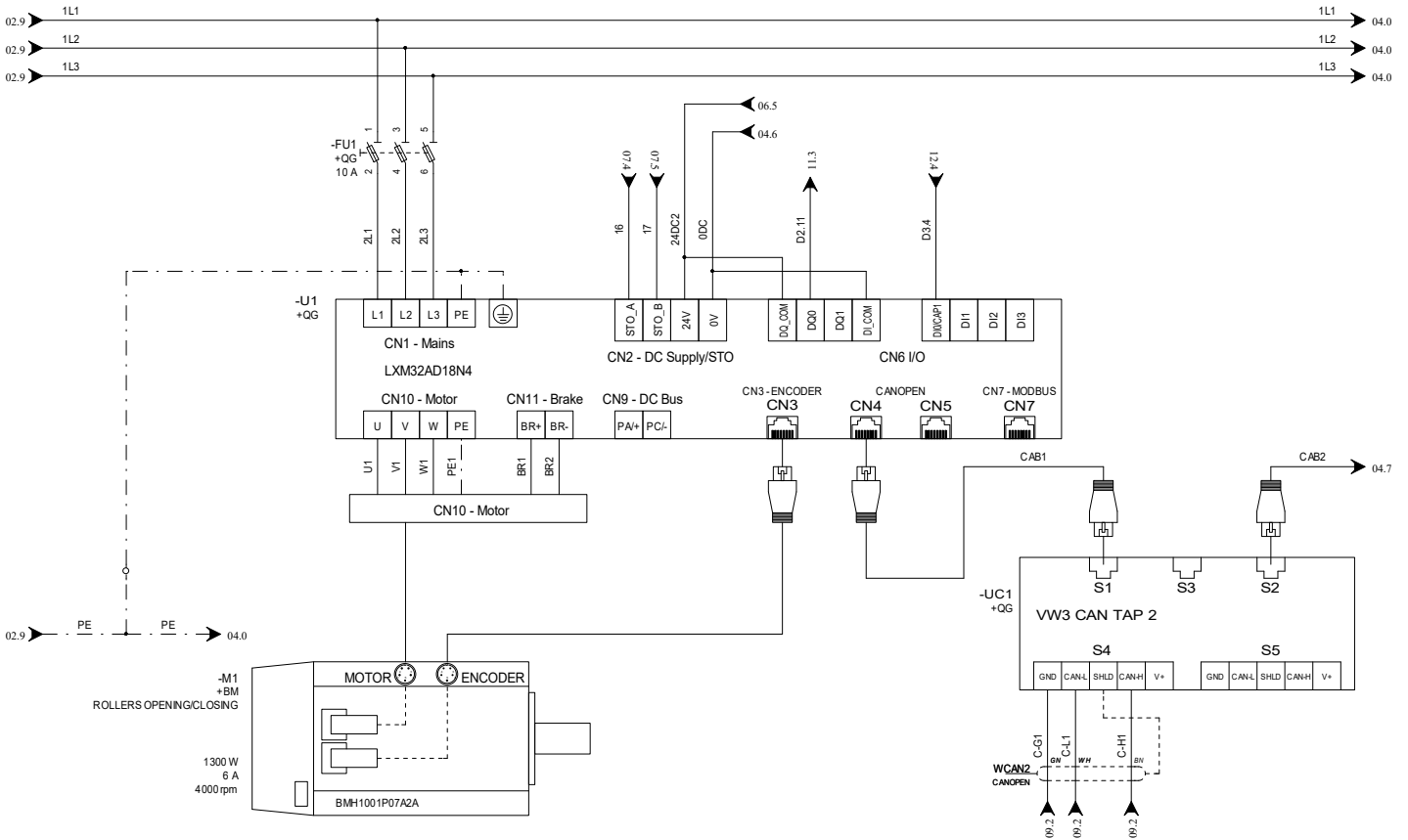
Protection level: IP 54

# WIRING DIAGRAM



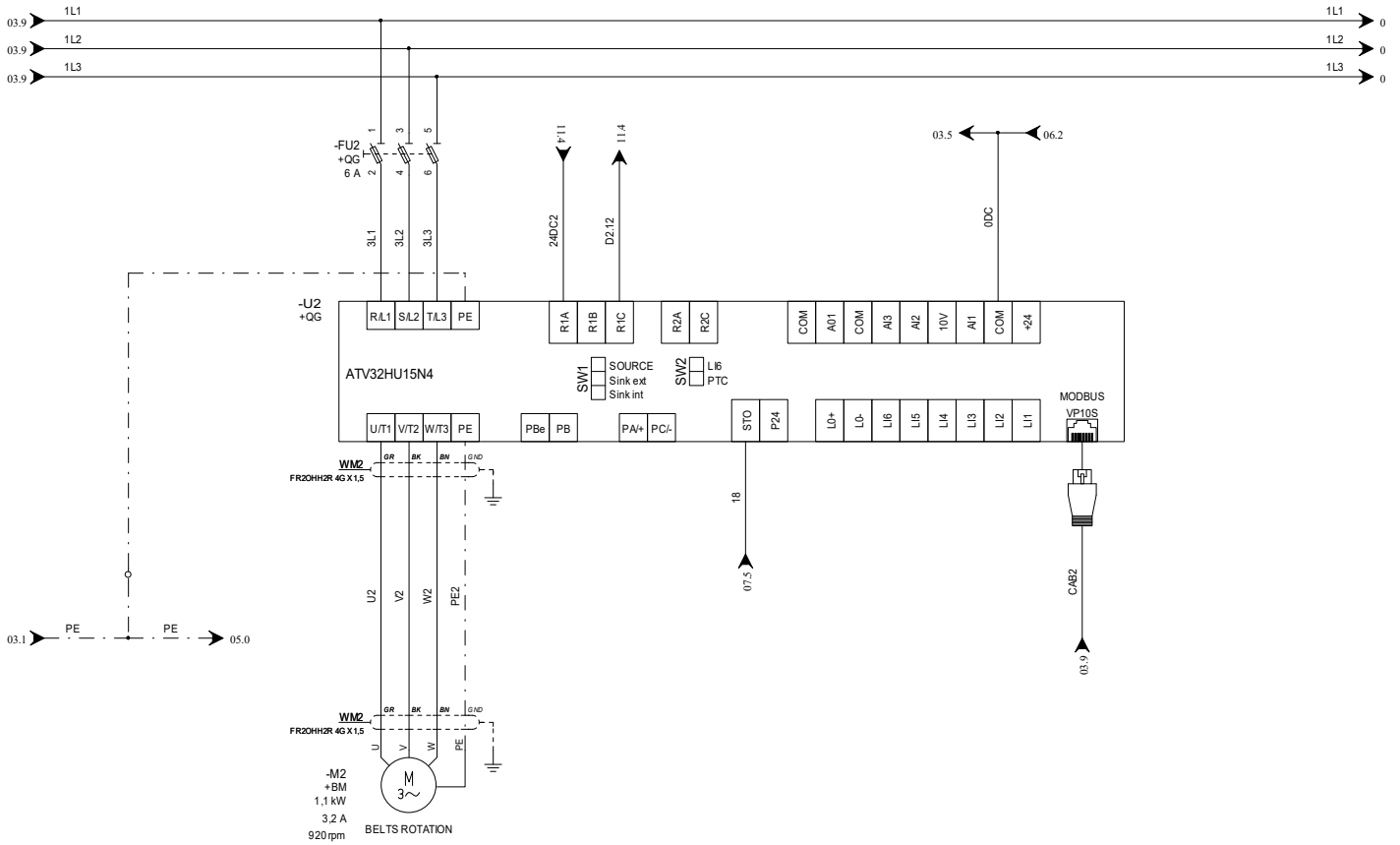
Power diagram

# WIRING DIAGRAM



Power diagram

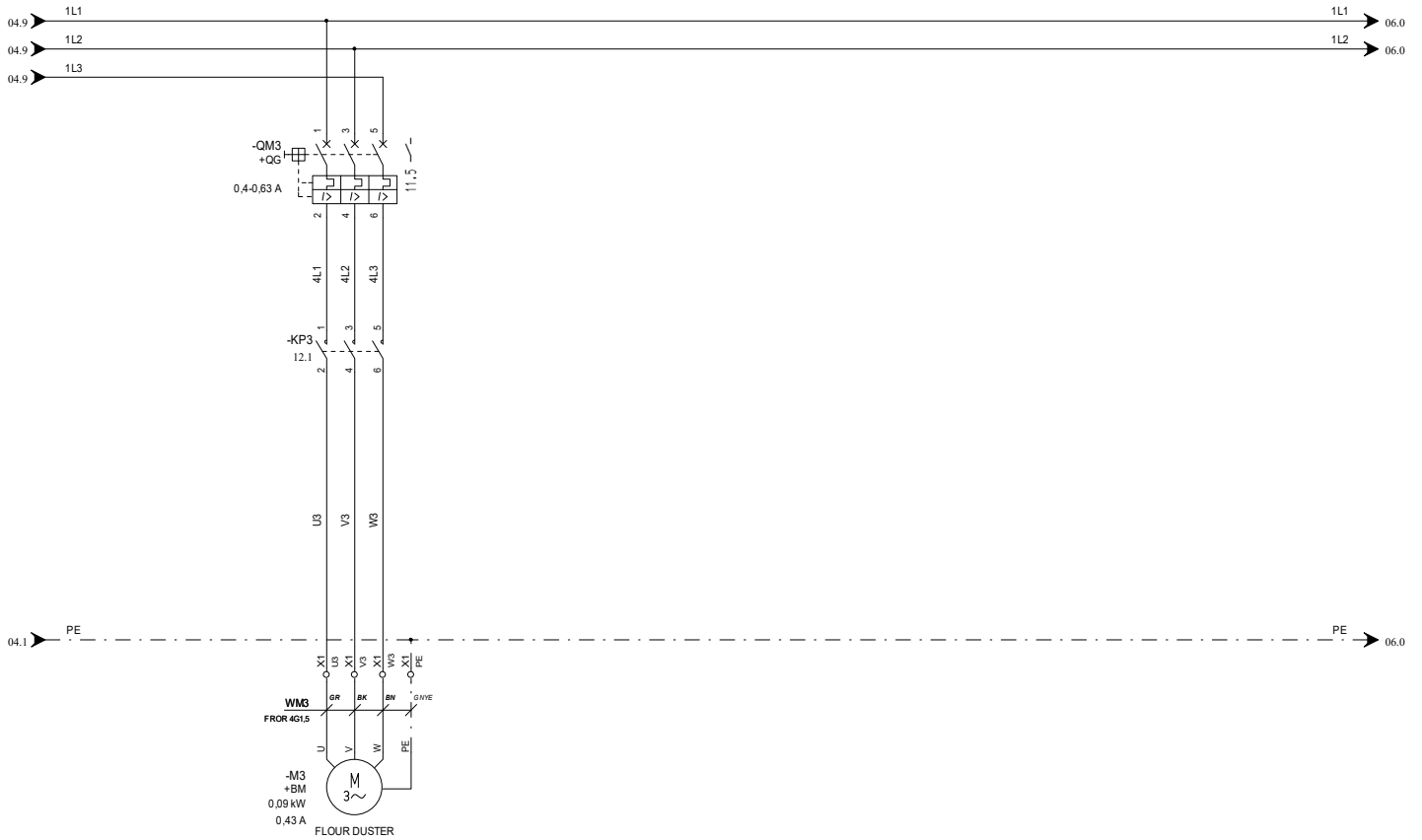
# WIRING DIAGRAM



Power diagram

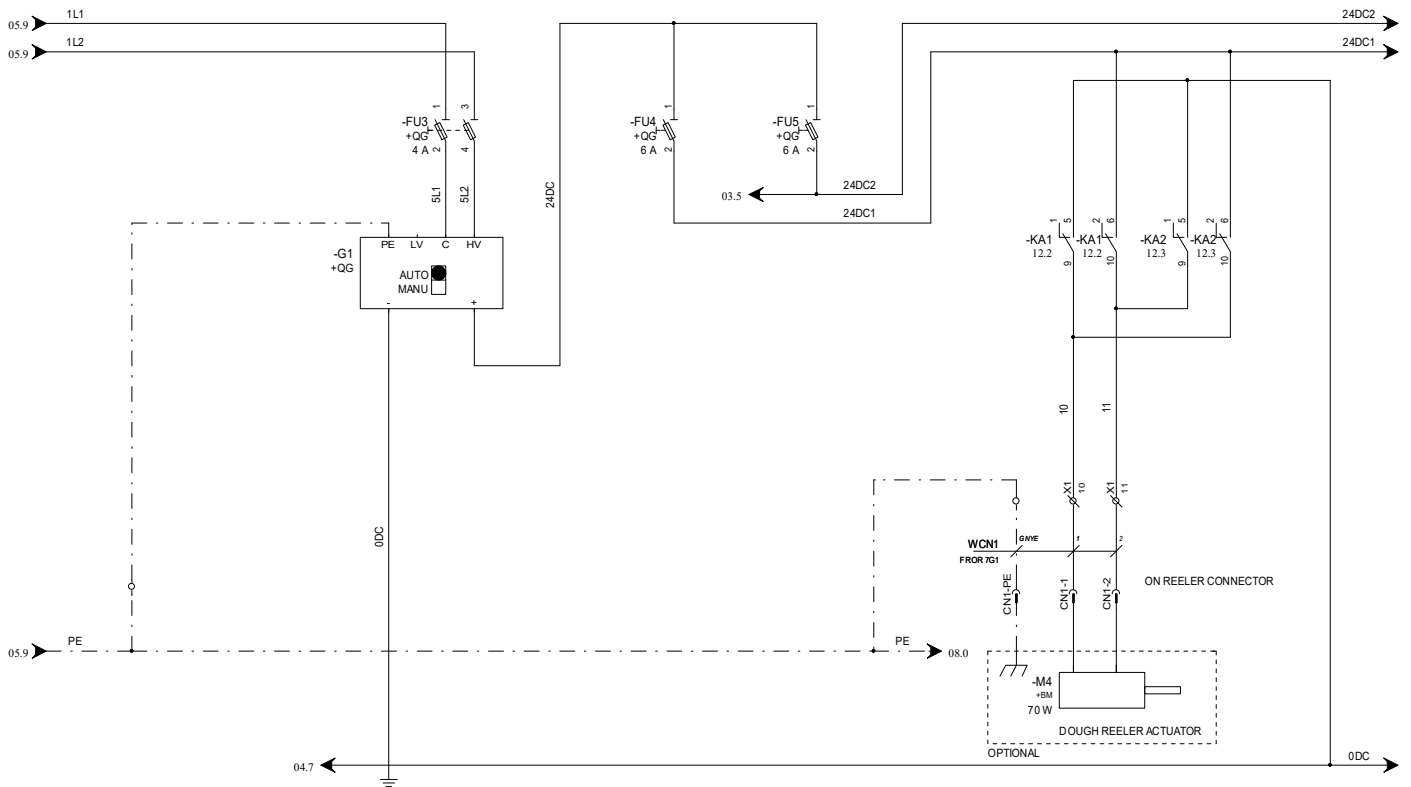
MADE IN ITALY

# WIRING DIAGRAM



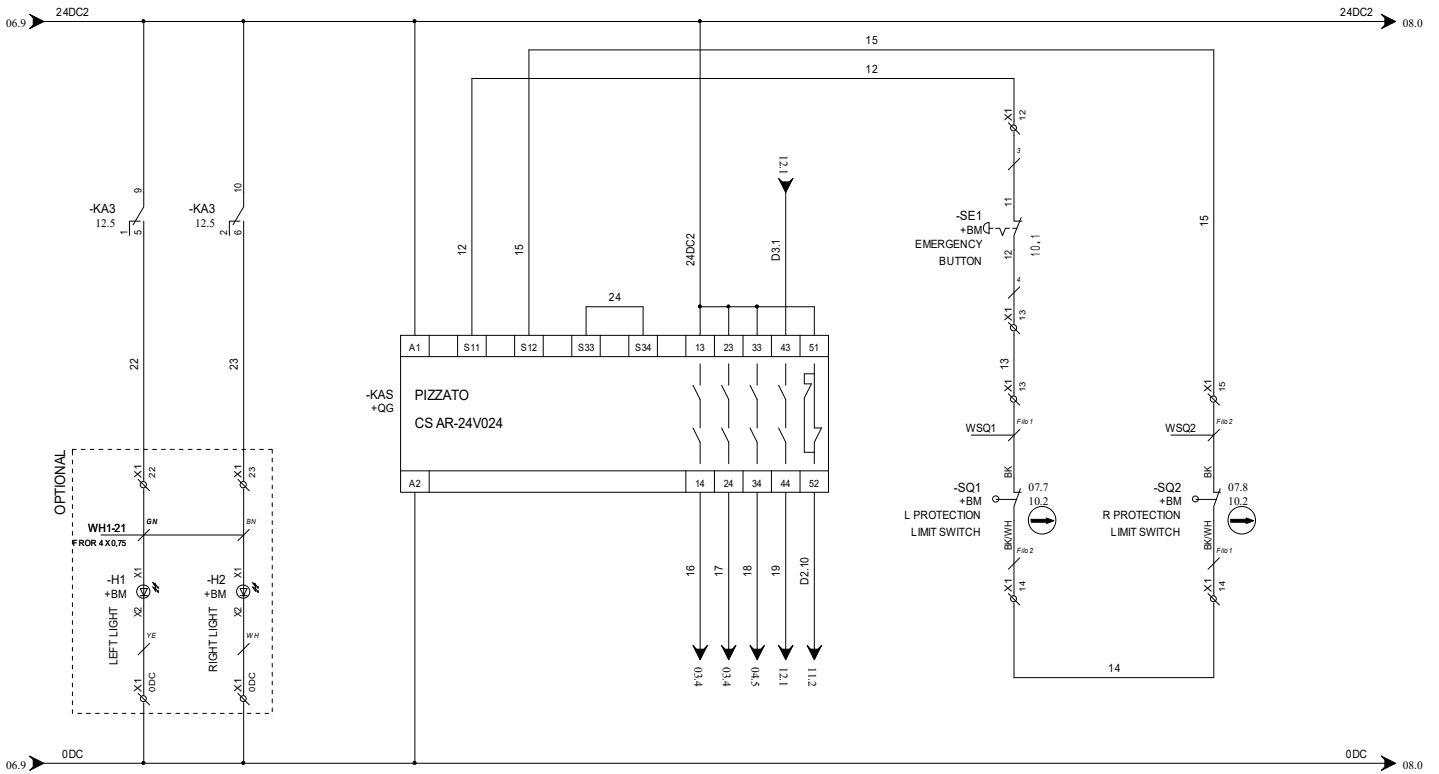
Power diagram

# WIRING DIAGRAM



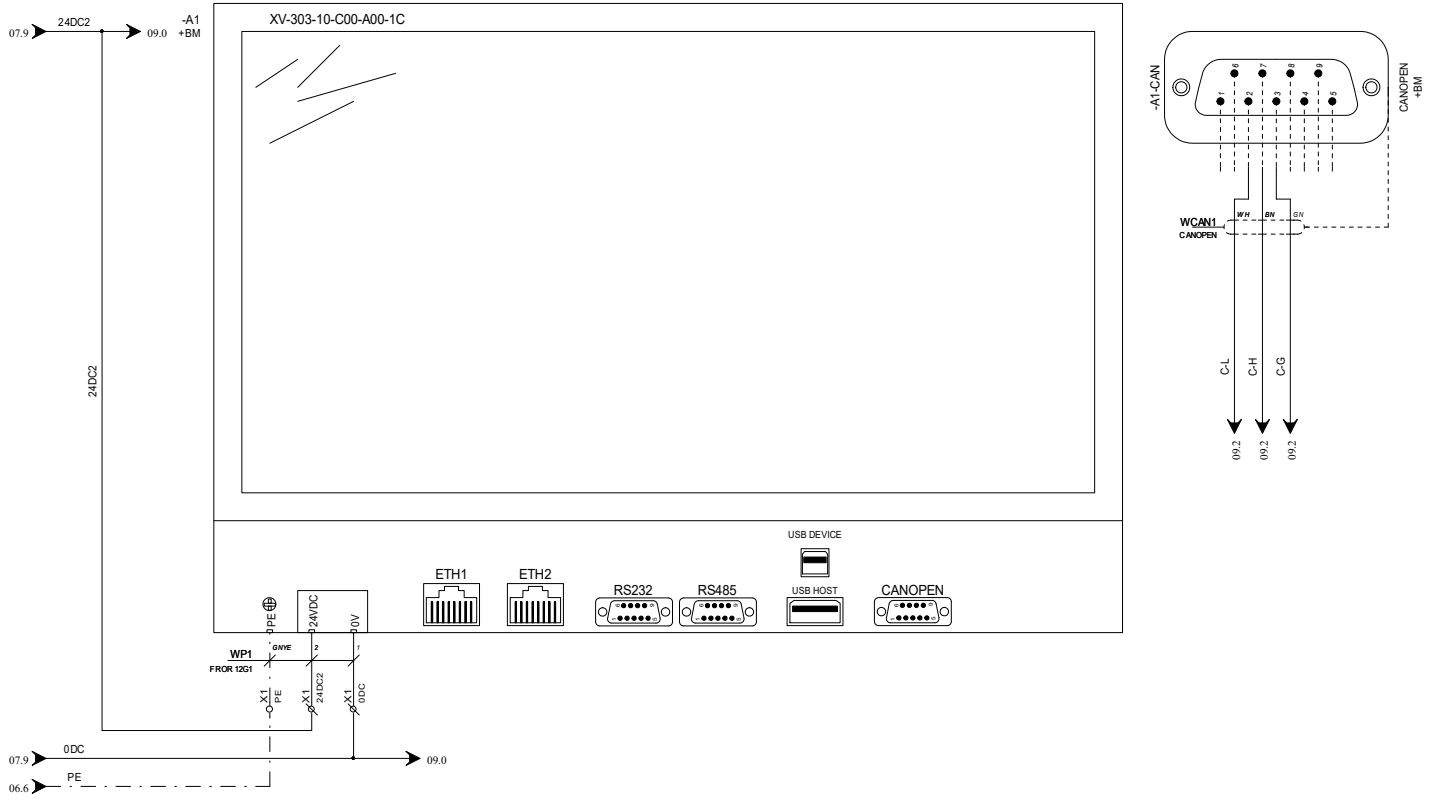
Power supply unit

# WIRING DIAGRAM



Emergency circuit

# WIRING DIAGRAM

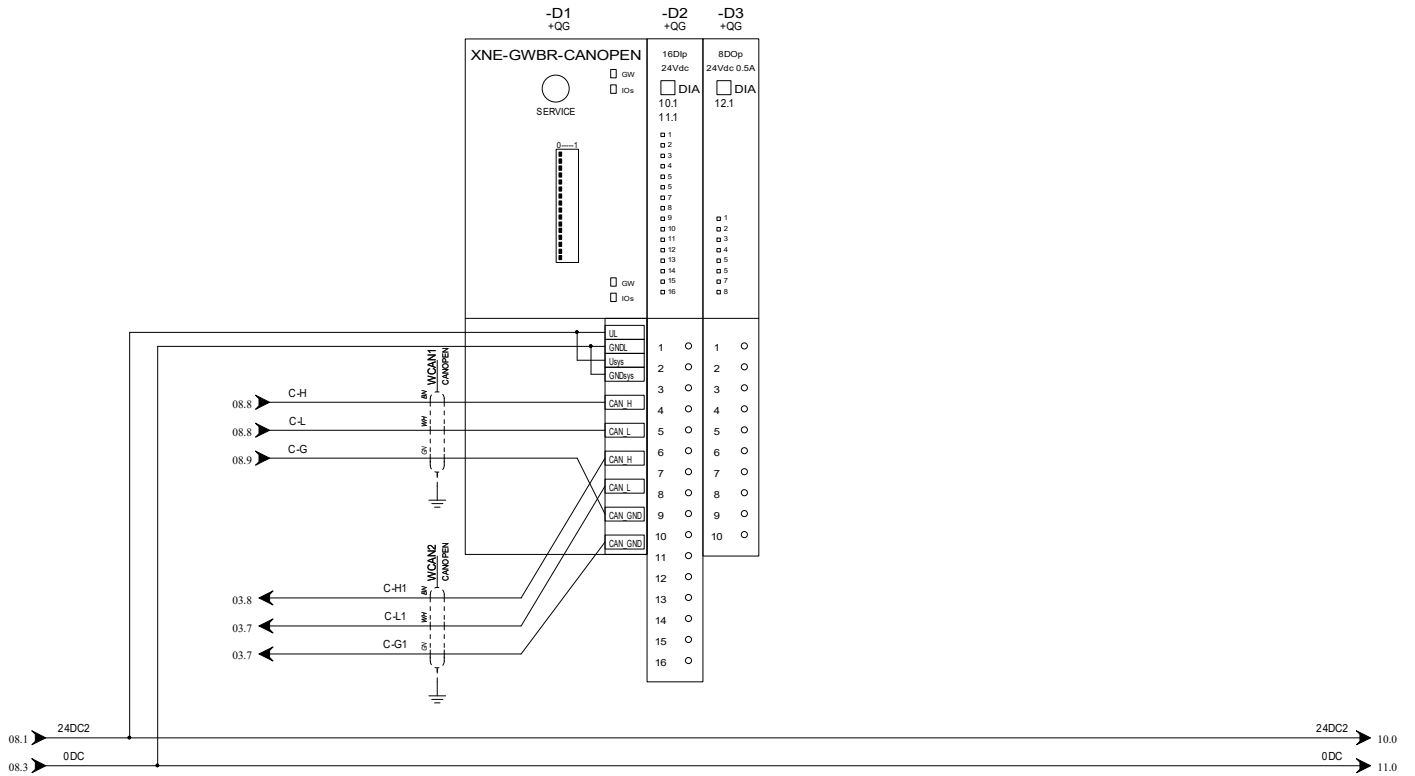


Touch screen

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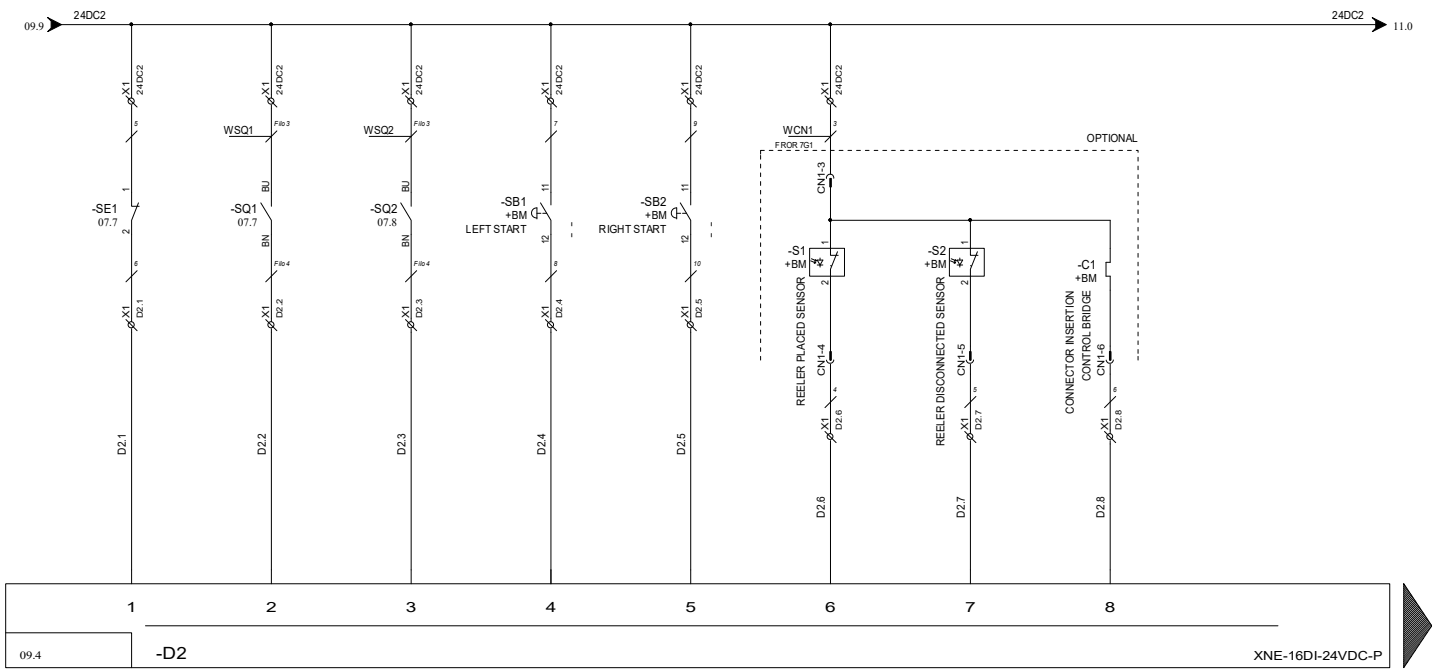
# WIRING DIAGRAM



MADE IN ITALY

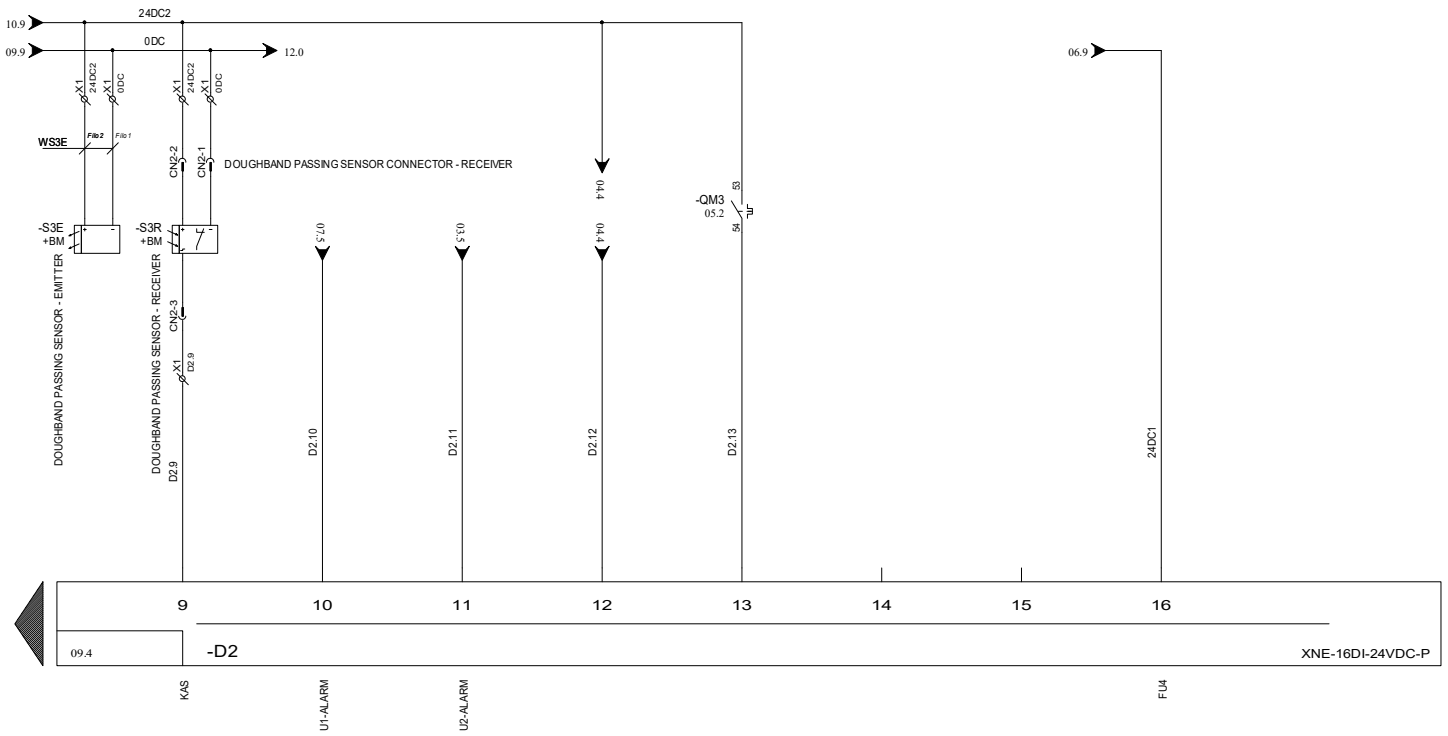
PLC planimetry

# WIRING DIAGRAM



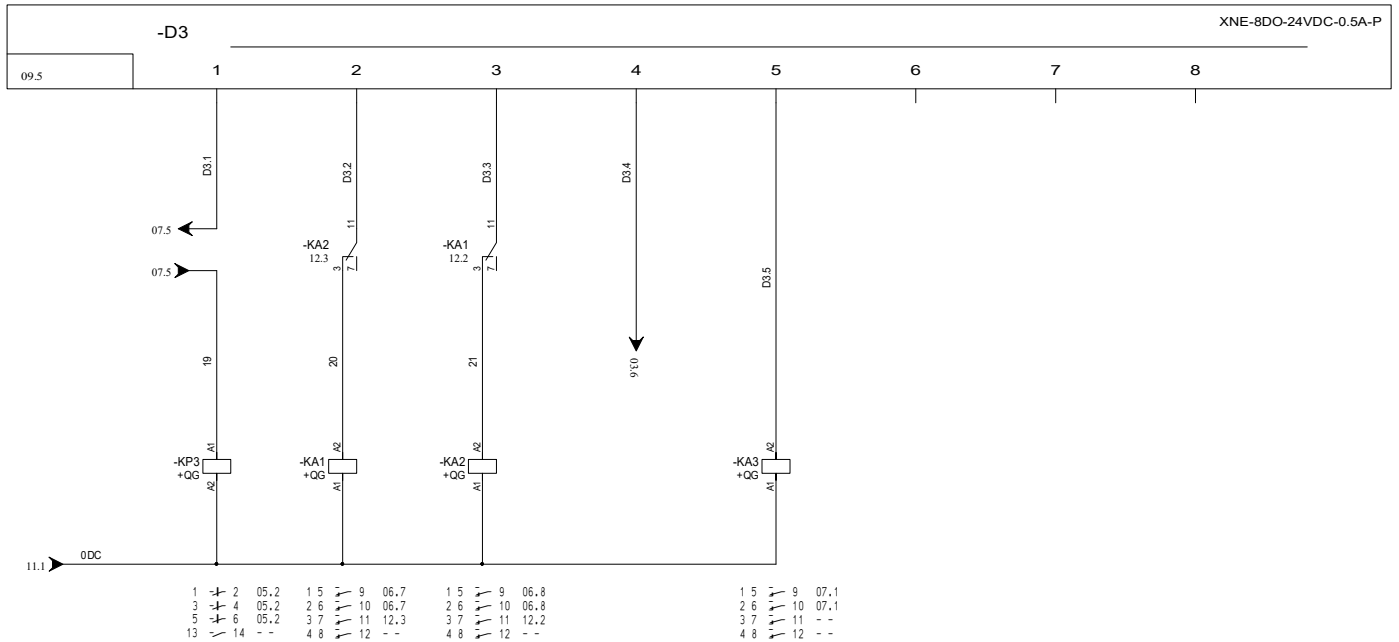
Digital inputs

# WIRING DIAGRAM



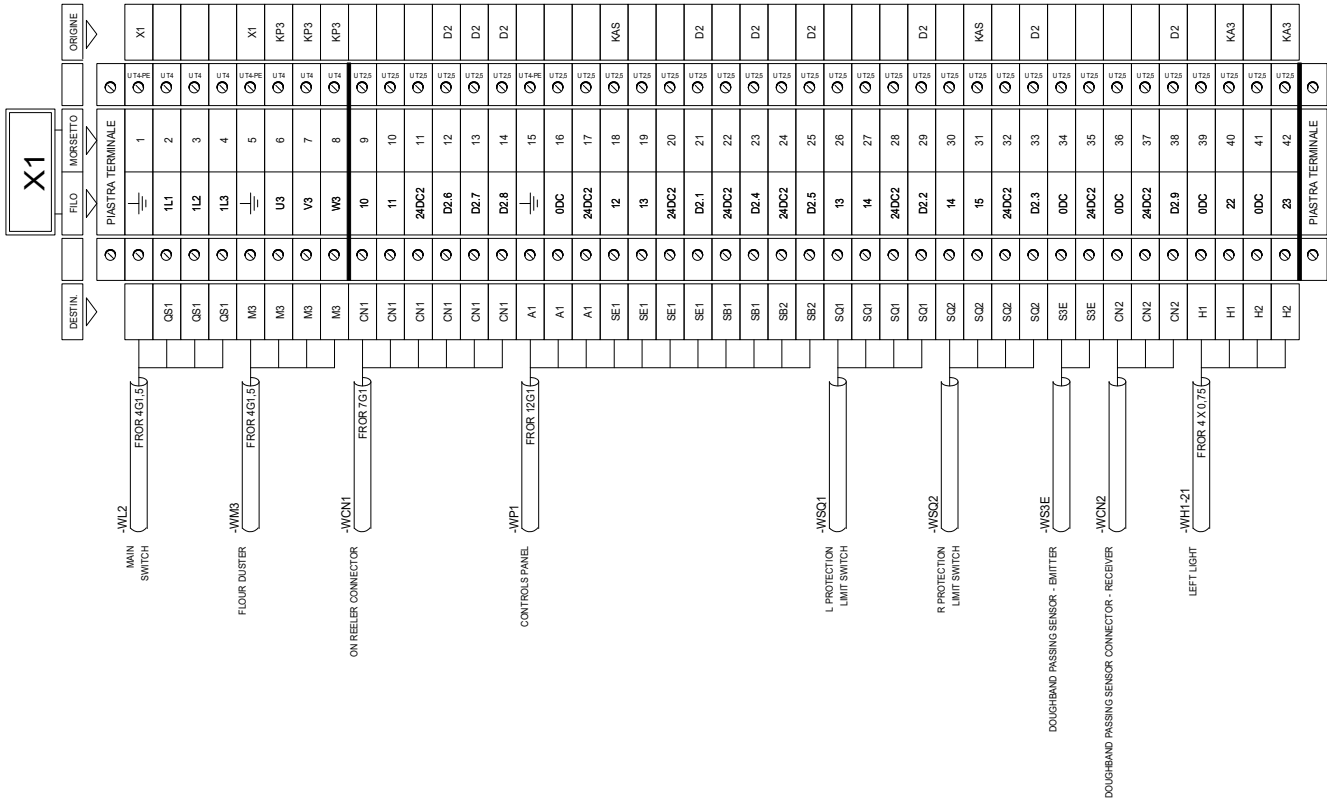
Digital inputs

# WIRING DIAGRAM



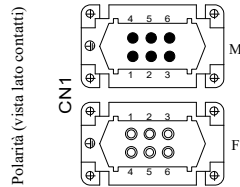
Digital outputs

# WIRING DIAGRAM



Terminal: X1 - 1/1

# WIRING DIAGRAM



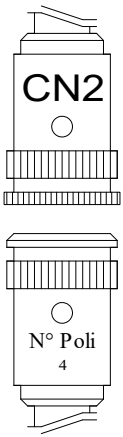
N° Pin	Loc.orig.	Origine	N° Filo	Pag./Col.	Destinazione	Loc. dest.	
1	QG	X1	10	06' 7	M4	BM	Filo 1
2	QG	X1	11	06' 7	M4	BM	Filo 1
3	QG	X1	24DC2	10' 5	S1	BM	Filo 1
4	QG	X1	D2.6	10' 5	S1	BM	Filo 1
5	QG	X1	D2.7	10' 6	S2	BM	Filo 1
6	QG	X1	D2.8	10' 7	C1	BM	Filo 1
GNYE			PE	06' 7			

FROR 7G1  
-WCN1

DOUGH REELER ACTUATOR  
DOUGH REELER ACTUATOR  
REELER PLACED SENSOR  
REELER PLACED SENSOR  
REELER DISCONNECTED SENSOR  
CONNECTOR INSERTION  
CONTROL BRIDGE

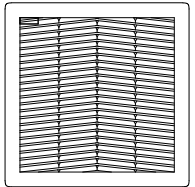
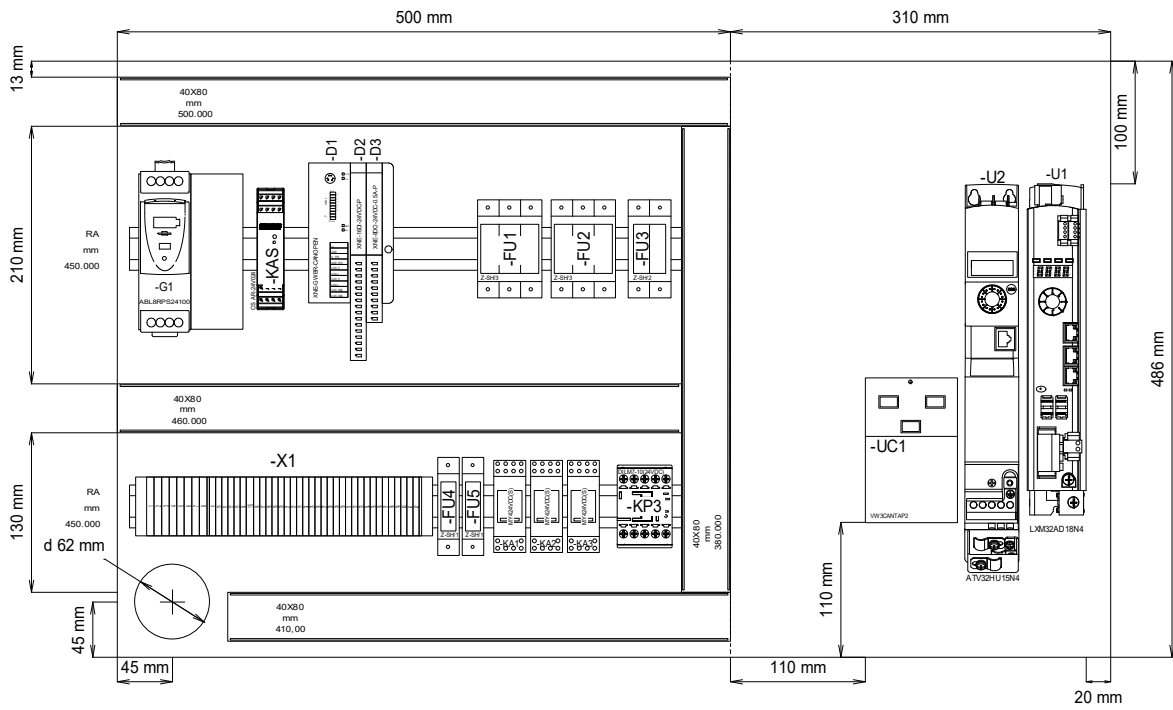
Connector: CN1 - 1/1

# WIRING DIAGRAM



Connector: CN2 - 1/1

# WIRING DIAGRAM



Panel planimetry

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# WIRING DIAGRAM

Signature	Description	Code	Builder	Location	Quantity	Position
A1	TOUCH SCREEN 10"	XV-303-10-C00-A00-1C	EATON	BM	1	08.1
A1-CAN	CAN BUS CONNECTOR	TSXCANKCDF90T	SCHNEIDER ELECTRIC	BM	1	08.8
ACC1	DUST PREVENTER FILTER	ARIA-F150.2.W	ZANARDO	QG	1	16.0
CN1	IP 65 METAL ENCLOSURE WITH LEVER	CHO 06 L13	ILME	BM	1	
CN1	METAL ENCLOSURE WITH LEVER AND COVER	CHP 06 LS	ILME	BM	1	
CN1	INSERT WITH FEMALE CONTACTS	CNEF 06 T	ILME	BM	1	
CN1	INSERT WITH MALE CONTACTS	CNEM 06 T	ILME	BM	1	
CN2	4 POLES M12 180° MALE CONNECTOR	E11504	IFM	BM	1	
CN2	4 POLES M12 90° FEMALE CONNECTOR	E11509	IFM	BM	1	
D1	GETWAY CANOPEN	XNE-GWBR-CANOPEN	EATON	QG	1	09.3
D2	16 DIGITAL INPUT SLOT	XNE-16DI-24VDC-P	EATON	QG	1	09.4
D3	8 DIGITAL OUPUT SLOT	XNE-8DO-24VDC-0.5A-P	EATON	QG	1	09.5
FU1	3P FUSE DISCONNECTOR	Z-SH/3	EATON	QG	1	03.2
FU2	3P FUSE DISCONNECTOR	Z-SH/3	EATON	QG	1	04.2
FU3	2P FUSE DISCONNECTOR	Z-SH/2	EATON	QG	1	06.3
FU4	1P FUSE DISCONNECTOR	Z-SH/1	EATON	QG	1	06.4
FU5	1P FUSE DISCONNECTOR	Z-SH/1	EATON	QG	1	06.5
G1	POWER FEEDER	ABL8RPS24100	SCHNEIDER ELECTRIC	QG	1	06.2
KA1	4 CONTACTS RELAY	MY424VDC(S)	OMRON	QG	1	12.2
KA1	MY4 SOCKET	PYF14-ESN	OMRON	QG	1	12.2
KA2	4 CONTACTS RELAY	MY424VDC(S)	OMRON	QG	1	12.3
KA2	MY4 SOCKET	PYF14-ESN	OMRON	QG	1	12.3
KA3	4 CONTACTS RELAY	MY424VDC(S)	OMRON	QG	1	12.5
KA3	MY4 SOCKET	PYF14-ESN	OMRON	QG	1	12.5
KAS	SAFETY RELAY	CS AR-24V024	PIZZATO	QG	1	07.3
KP3	3 kW 1NO CONTACTOR	DILM7-10(24VDC)	EATON	QG	1	12.1
M1	BRUSHLESS MOTOR	BMH1001P07A2A	SCHNEIDER ELECTRIC	BM	1	03.2
QM3	FRONTAL AUXILIARY CONTACTS	NHI-E-10-PK20	EATON	QG	1	05.2
QM3	MOTOR PROTECTION BREAKER	PKZM0-0.63	EATON	QG	1	05.2
QS1	MAIN SWITCH 16A	T0-2-1/EA/SVB-SW	EATON	BM	1	02.1
SB1	IP67 IMPULSIVE MUSHROOM BUTTON	ZB4BR3	SCHNEIDER ELECTRIC	BM	1	10.3
SB1	FRONT MOUNTING ADAPTER	ZB4BZ009	SCHNEIDER ELECTRIC	BM	1	10.3
SB1	NO CONTACT	ZBE101	SCHNEIDER ELECTRIC	BM	1	10.3
SB2	IP67 IMPULSIVE MUSHROOM BUTTON	ZB4BR3	SCHNEIDER ELECTRIC	BM	1	10.4
SB2	FRONT MOUNTING ADAPTER	ZB4BZ009	SCHNEIDER ELECTRIC	BM	1	10.4
SB2	NO CONTACT	ZBE101	SCHNEIDER ELECTRIC	BM	1	10.4
SE1	FRONT MOUNTING ADAPTER	M22-A	EATON	BM	1	07.7
SE1	NC CONTACT	M22-K01	EATON	BM	2	07.7
SE1	EMERGENCY BUTTON	M22-PVT	EATON	BM	1	07.7
SE1	EMERGENCY PLATE	M22-XBK1	EATON	BM	1	07.7
SQ1	SMALL WHEEL LIMIT SWITCH	XCMN2102L2	SCHNEIDER ELECTRIC	BM	1	07.7
SQ2	SMALL WHEEL LIMIT SWITCH	XCMN2102L2	SCHNEIDER ELECTRIC	BM	1	07.8
U1	1.8 kW DRIVES	LXM32AD18N4	SCHNEIDER ELECTRIC	QG	1	03.2
U2	INVERTER 1,5 kW	ATV32HU15N4	SCHNEIDER ELECTRIC	QG	1	04.2
UC1	CANOPEN SHUNTER	VW3CANTAP2	SCHNEIDER ELECTRIC	QG	1	03.7
WL1	FG7 4G1,5 + 16 A PLUG CABLE	100975600	ELEBI		1	

## Components list



