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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: RDC3 infeed

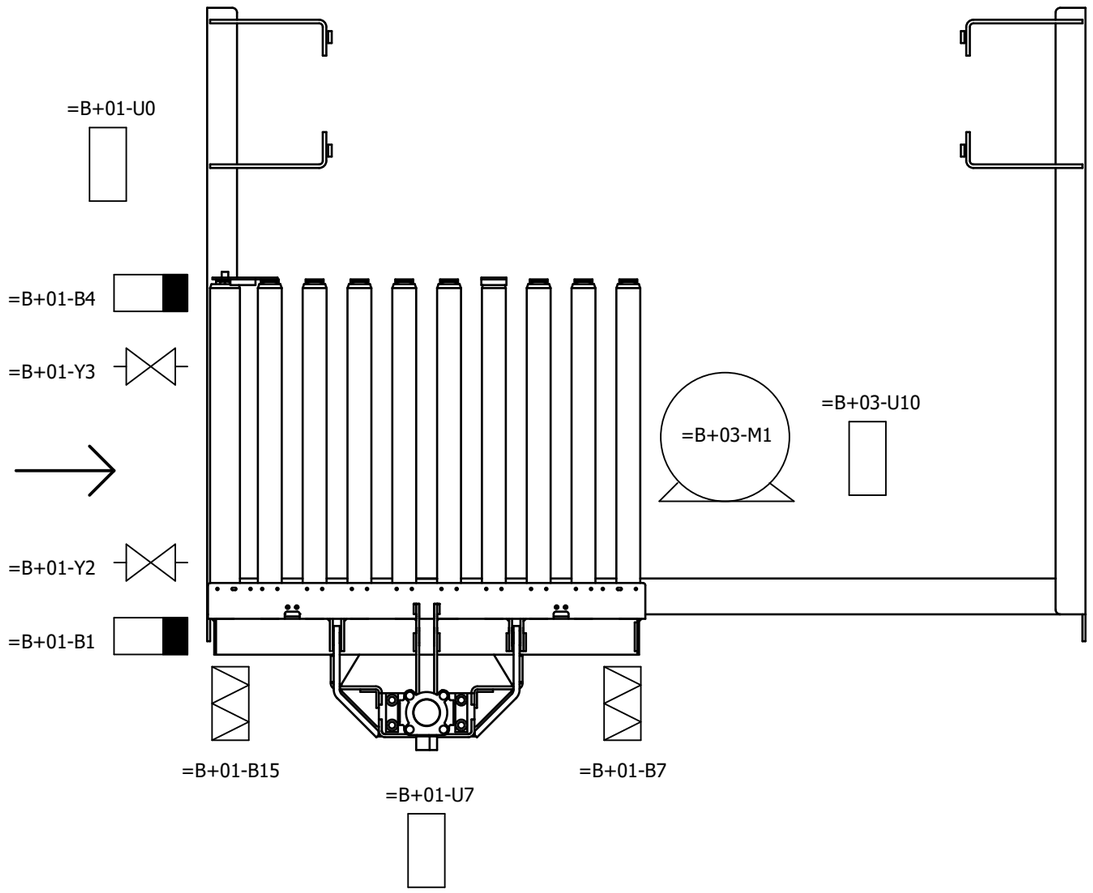
Type: Standard

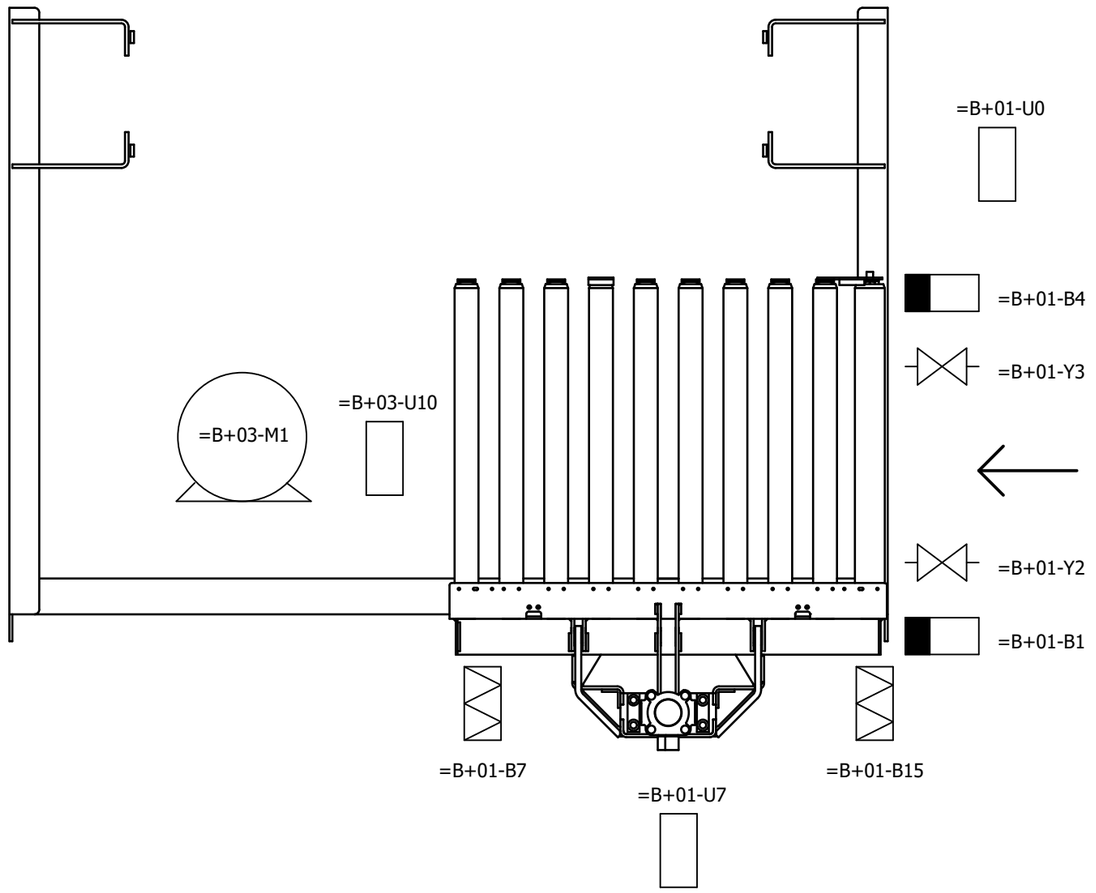
Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=B	RDC3 infeed			1	Title page
				2	Table of contents
				10	Layout RollerDrive conveyor RDC3 infeed
				20	Overview passive plug-in terminal RDC3 infeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+03	Drive conveyor	100	Rollerdrive, 24VDC





Legend:

=B+03-M1	Drive RollerDrive conveyor infeed
=B+03-U10	Drive control, moveable infeed conveyor
=B+01-B1	Wait position
=B+01-Y2	Movement to wait position
=B+01-Y3	Movement to infeed position
=B+01-B4	Infeed position
=B+01-B7	Product on infeed
=B+01-B15	Product position monitoring
=B+01-U0	Passive plug-in terminal RollerDrive conveyor RDC3 infeed
=B+01-U7	T-coupler infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.

=B+01-B15
Product position monitoring

=B+01-B15-W1

=B+01-B7
Product on infeed

=B+01-B7-W1

=B+01-U7
T-coupler infeed

=B+01-U7-W1

=B+01-Y3
Movement to infeed position

=B+01-Y3-W1

=B+01-B1
Wait position

=B+01-B1-W1

=B+01-U0
Passive plug-in terminal
RollerDrive conveyor RDC3
infeed

=B+01-B4
Infeed position

=B+01-B4-W1

=B+01-Y2
Movement to wait position

=B+01-Y2-W1

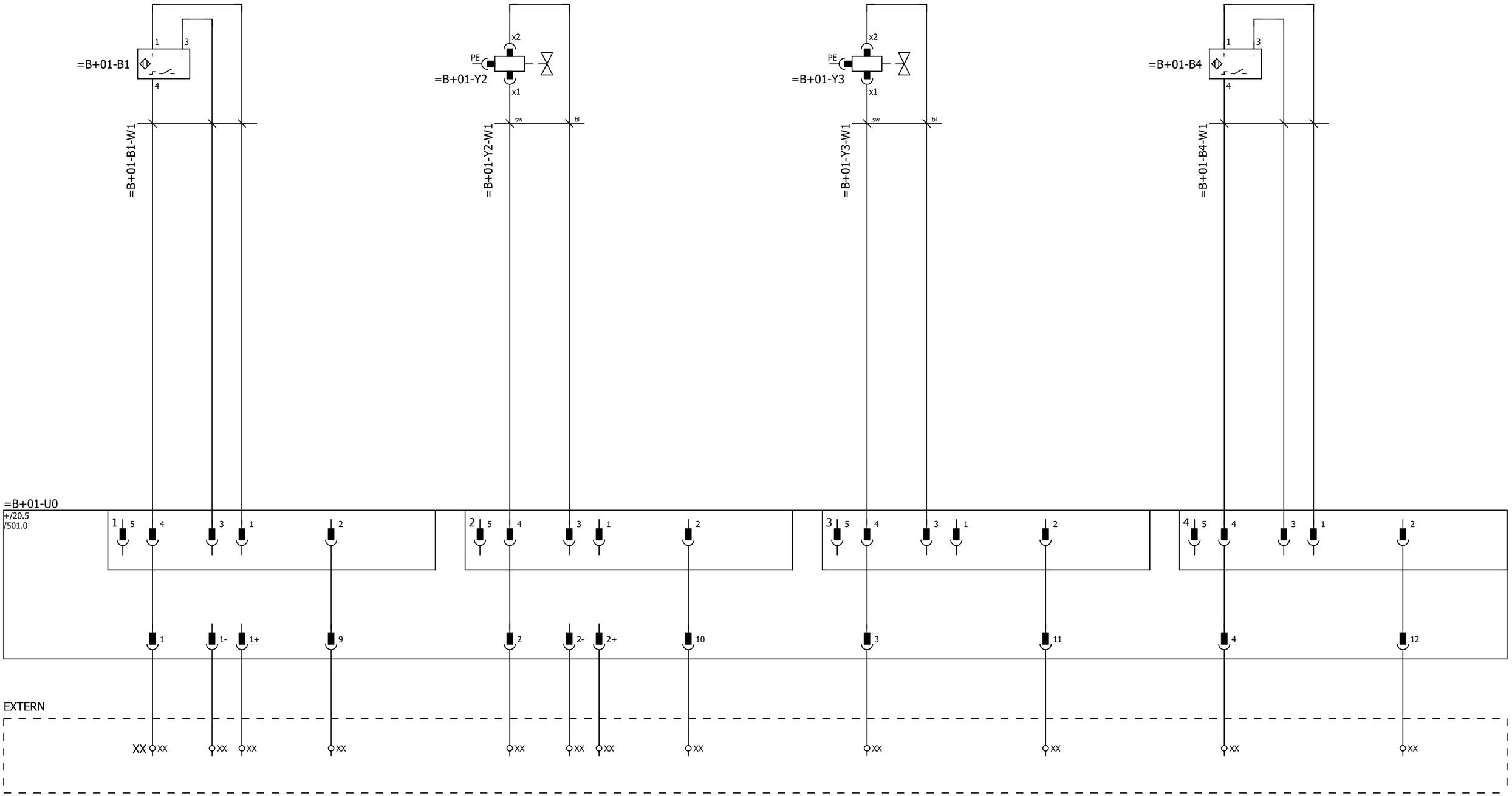
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors — Standard	Page description: Overview passive plug-in terminal RDC3 infeed	Mounting group: RDC3 infeed	Ed. DSP / Date 19-6-2018 / Version v4.2	= B / + / Page 20
			Mounting location		

Parts list

Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1007850	Proximity Sensor	Festo	SMT-8M-A-PS-24V-E-1-N-M12
+01-B4	1	1007850	Proximity Sensor	Festo	SMT-8M-A-PS-24V-E-1-N-M12
+01-B7	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B7	1	1002242	Reflector	Sick	C42-2
+01-B7-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B15	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B15	1	1002242	Reflector	Sick	C42-2
+01-B15-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U7	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U7-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-Y2	1		See specification sheet		
+01-Y2-W1	1	1005959	Prefab cable, PVC, 0,3 meter, connector M12 male + female M8 straight 90°, 3-pole	Murrelektronic	PVC-OB 3x0,25mm2
+01-Y3	1		See specification sheet		
+01-Y3-W1	1	1005959	Prefab cable, PVC, 0,3 meter, connector M12 male + female M8 straight 90°, 3-pole	Murrelektronic	PVC-OB 3x0,25mm2
+03-M1	1		See specification sheet		
+03-U10	1		See specification sheet		

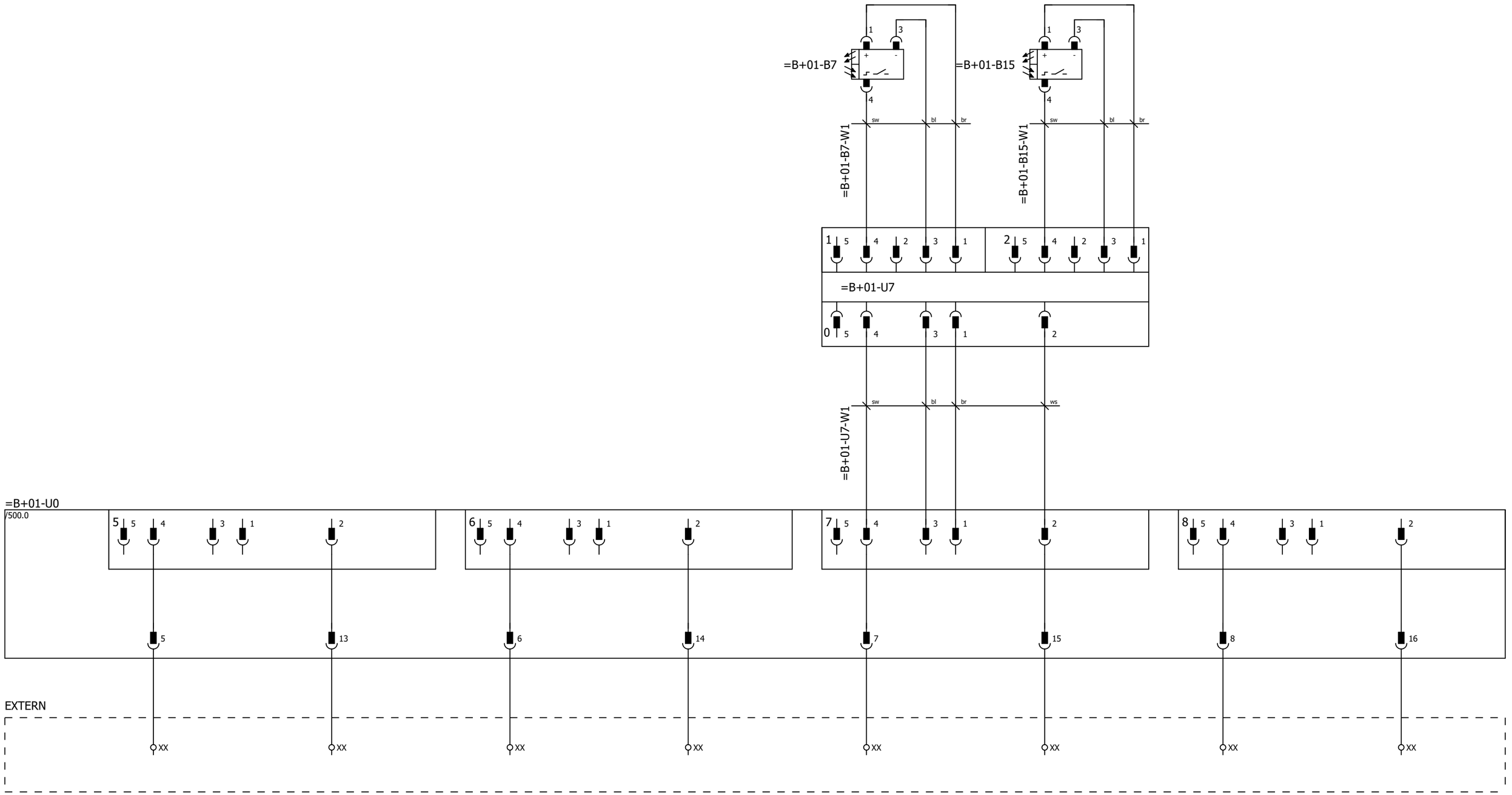
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal RollerDrive conveyor RDC3 infeed	Wait position	Spare	Movement to wait position	Spare	Movement to infeed position	Spare	Infeed position	Spare	

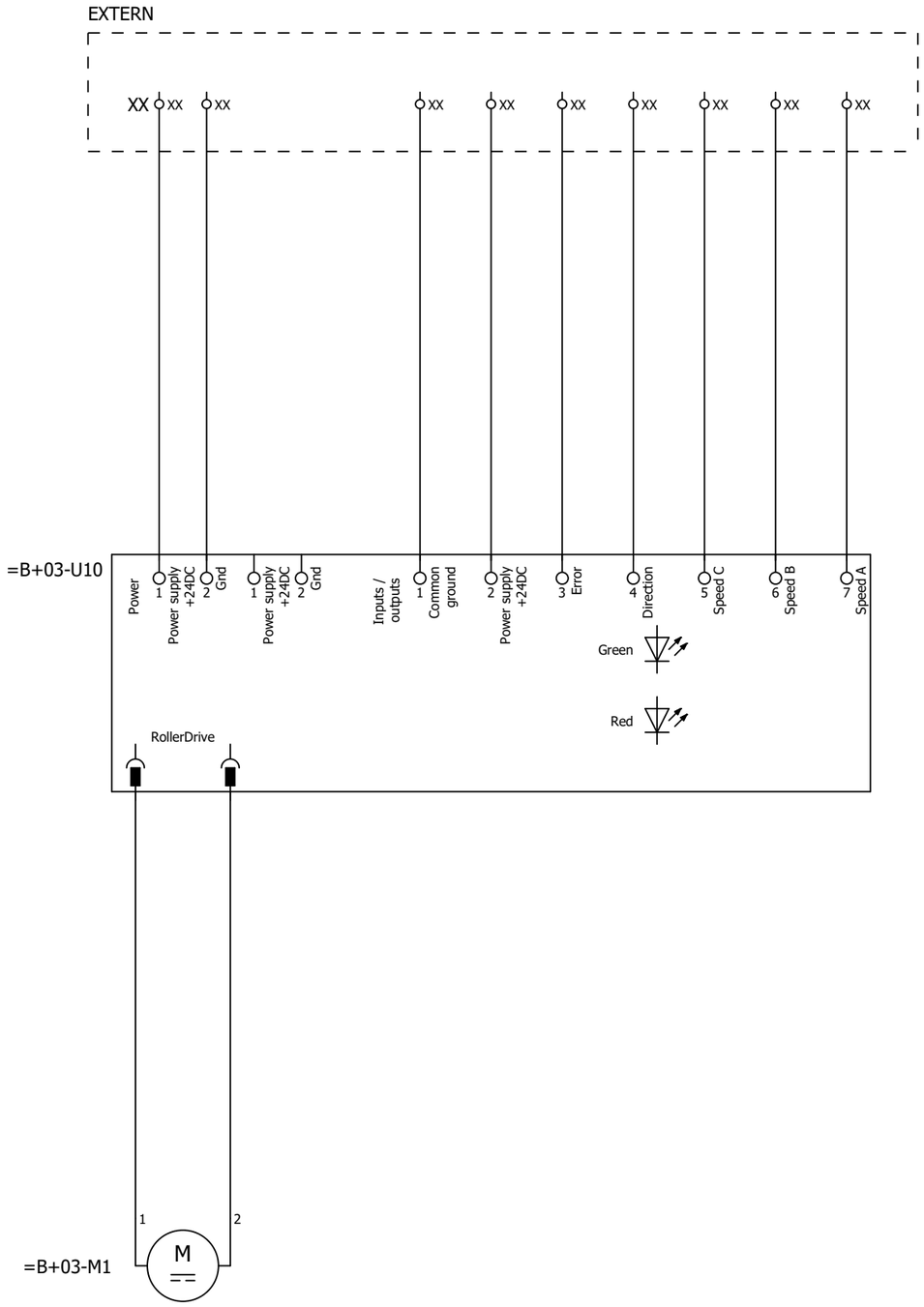
Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors — Standard	Page description: Field components	Mounting group: RDC3 infeed	Ed. DSP / Date 18-9-2018 / Version v4.2	= B
			Mounting location: Detection		+ 01
					Page 500

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal RollerDrive conveyor RDC3 infeed	Spare	Spare	Spare	Spare	Product on infeed	Product position monitoring	Spare	Spare

Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors — Standard	Page description: Field components	Mounting group: RDC3 infeed	Ed. DSP / Date 24-9-2018 / Version v4.2	= B
			Mounting location: Detection		+ 01
					Page 501



RollerDrive conveyor infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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Description of the project: PRmk5 (XL) Sorter conveyors, Standard	Page description: Rollerdrive, 24VDC	Mounting group: RDC3 infeed	Ed.	DSP	= B
			Date	20-9-2018	
		Mounting location: Drive conveyor	Version	v4.2	+ 03
					Page 100

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: RDC3 outfeed

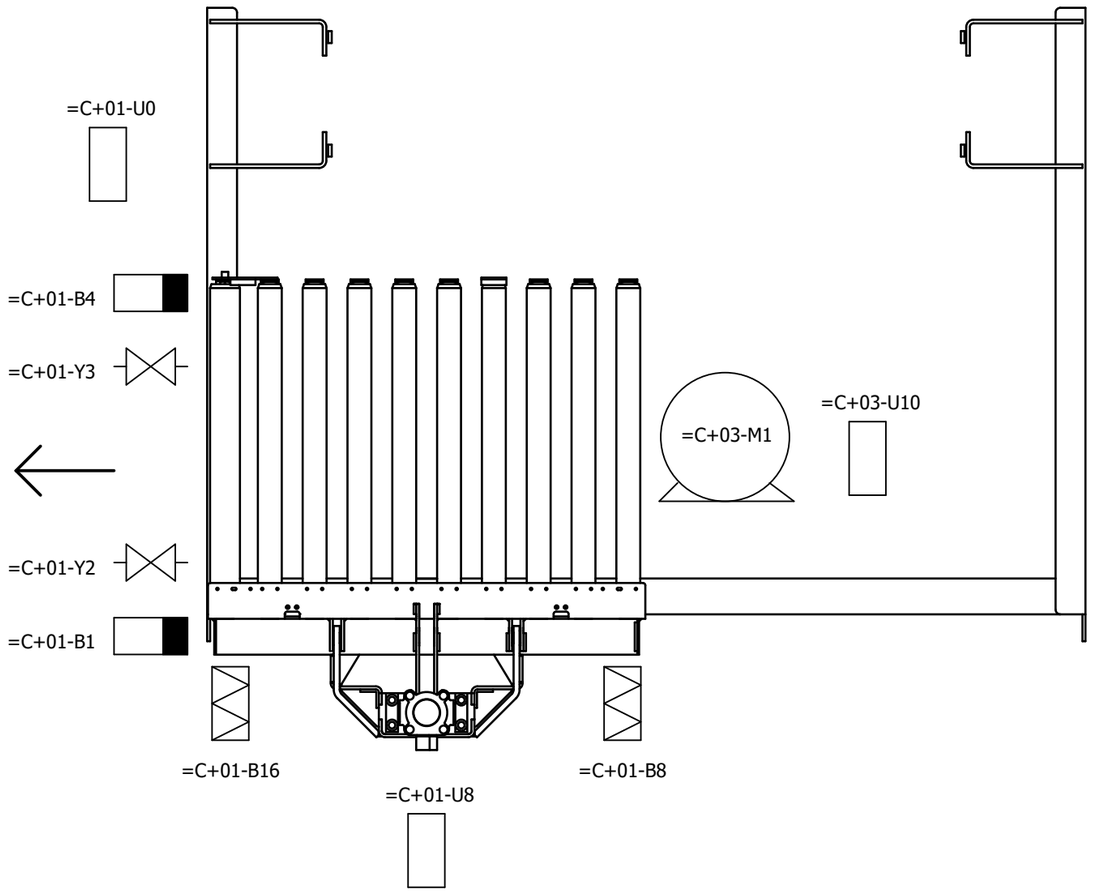
Type: Standard

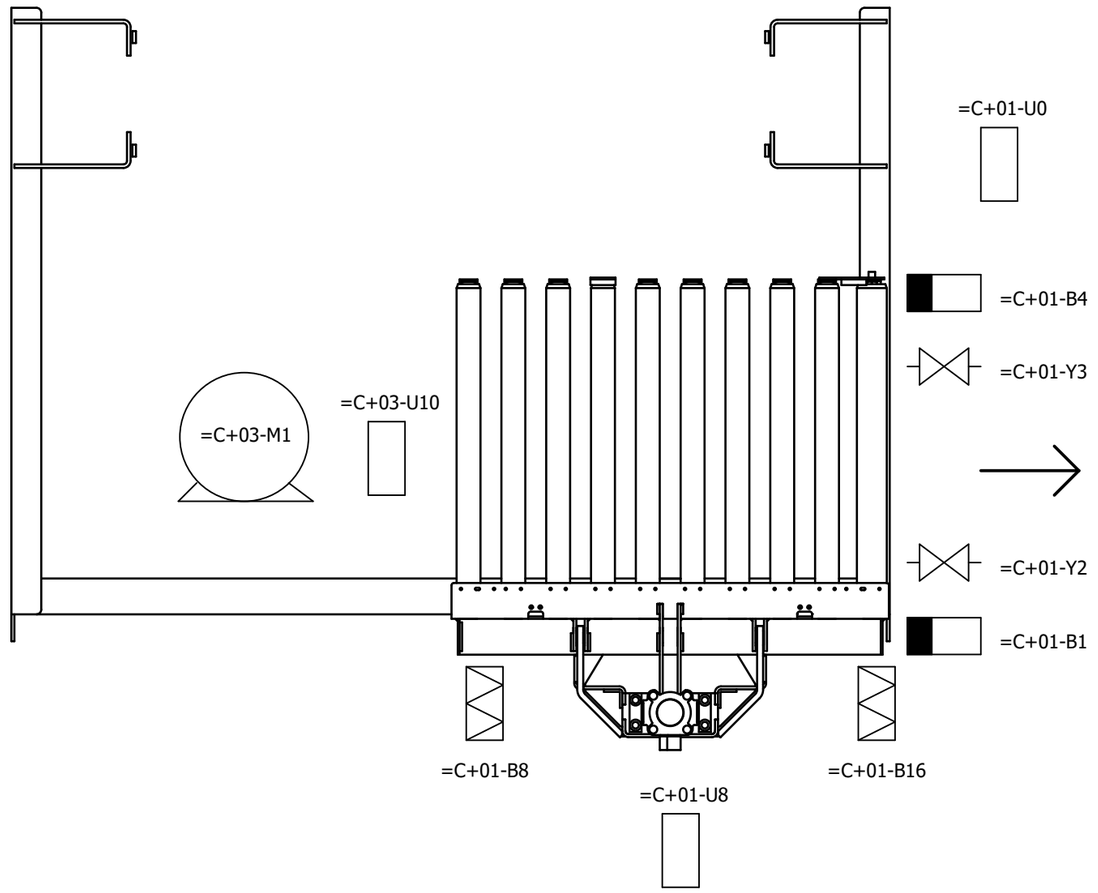
Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=C	RDC3 outfeed			1	Title page
				2	Table of contents
				10	Layout RollerDrive conveyor RDC3 outfeed
				20	Overview passive plug-in terminal RDC3 outfeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+03	Drive conveyor	100	Rollerdrive, 24VDC



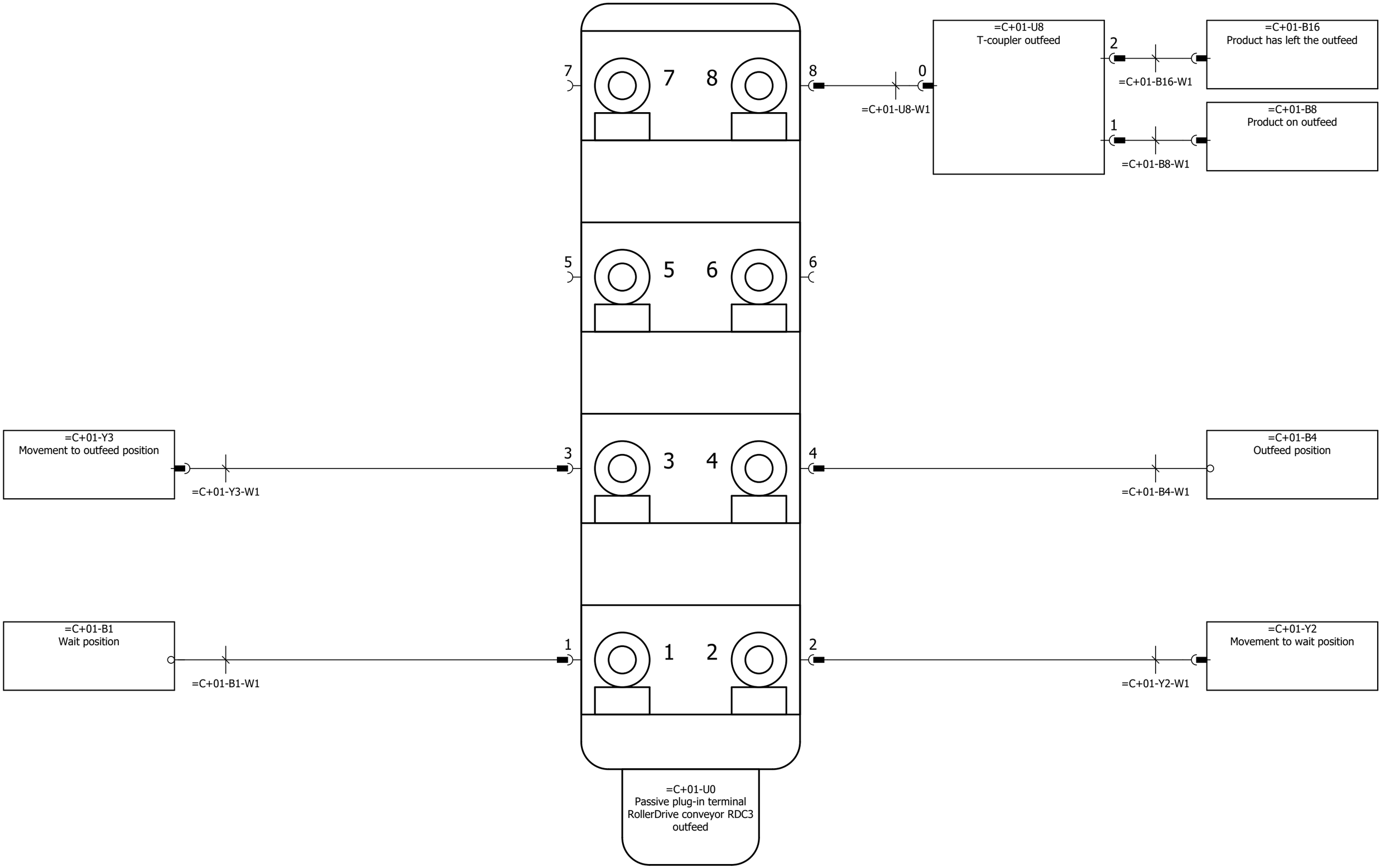


Legend:

=C+03-M1	Drive RollerDrive conveyor outfeed
=C+03-U10	Drive control, moveable outfeed conveyor
=C+01-B1	Wait position
=C+01-Y2	Movement to wait position
=C+01-Y3	Movement to outfeed position
=C+01-B4	Outfeed position
=C+01-B8	Product on outfeed
=C+01-B16	Product has left the outfeed
=C+01-U0	Passive plug-in terminal RollerDrive conveyor RDC3 outfeed
=C+01-U8	T-coupler outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.

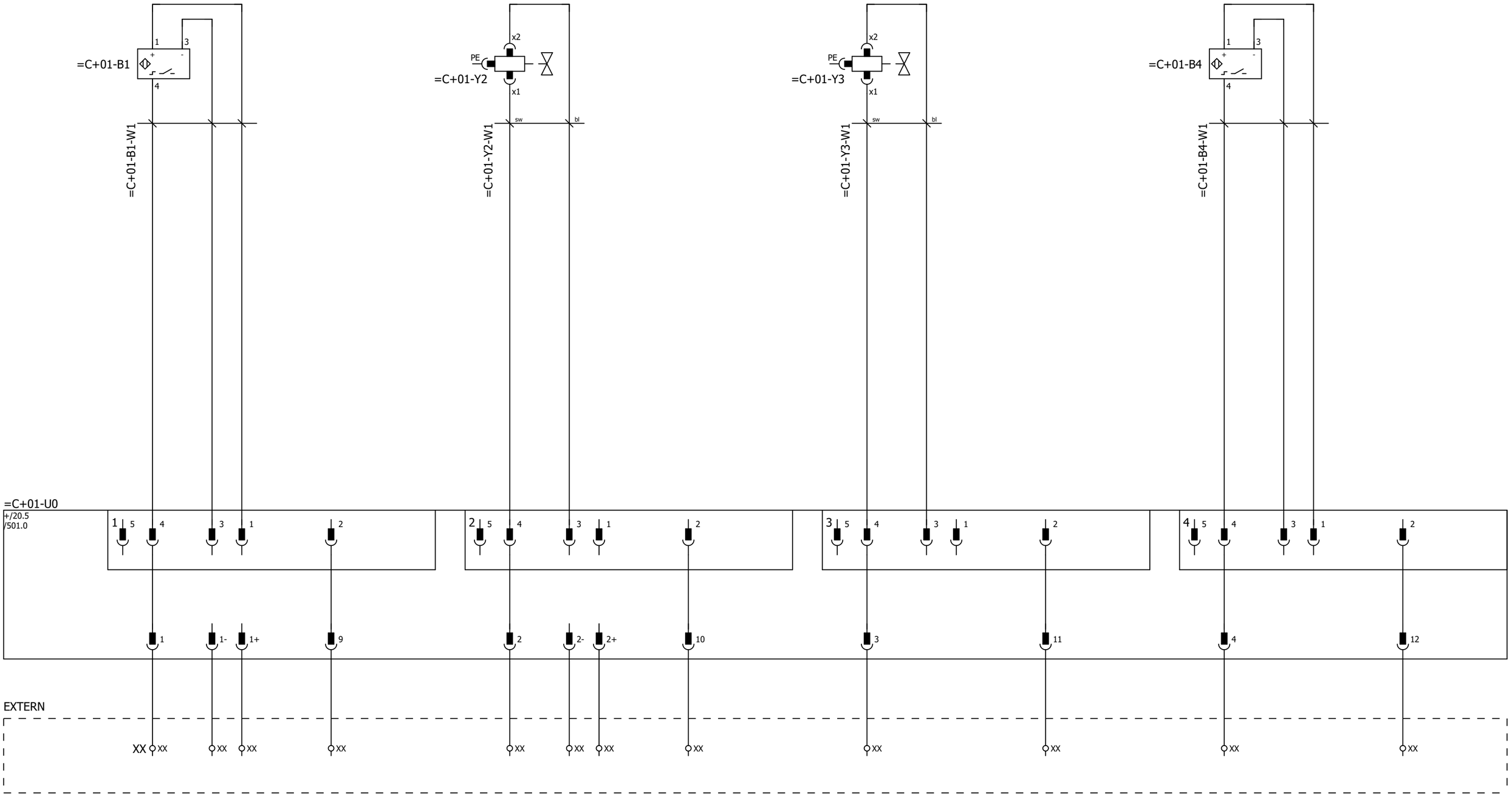


For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Parts list

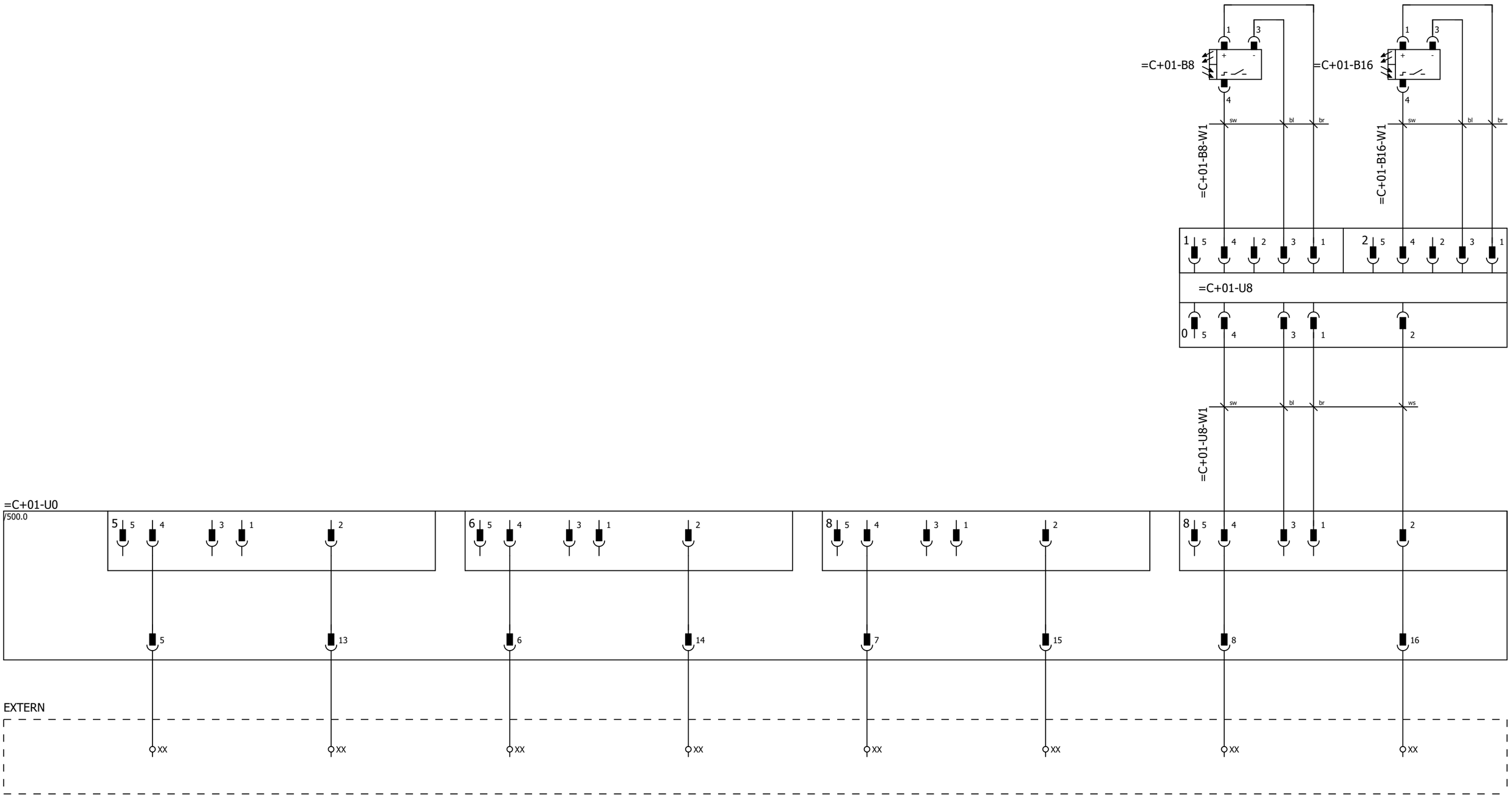
Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1007850	Proximity Sensor	Festo	SMT-8M-A-PS-24V-E-1-N-M12
+01-B4	1	1007850	Proximity Sensor	Festo	SMT-8M-A-PS-24V-E-1-N-M12
+01-B8	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B8	1	1002242	Reflector	Sick	C42-2
+01-B8-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B16	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B16	1	1002242	Reflector	Sick	C42-2
+01-B16-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U8	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U8-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-Y2	1		Coil see mechanical part list	Qimarox	
+01-Y2-W1	1	1005959	Prefab cable, PVC, 0,3 meter, connector M12 male + female M8 straight 90°, 3-pole	Murrelektronic	PVC-OB 3x0,25mm2
+01-Y3	1		Coil see mechanical part list	Qimarox	
+01-Y3-W1	1	1005959	Prefab cable, PVC, 0,3 meter, connector M12 male + female M8 straight 90°, 3-pole	Murrelektronic	PVC-OB 3x0,25mm2
+03-M1	1		See specification sheet		
+03-U10	1		See specification sheet		

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

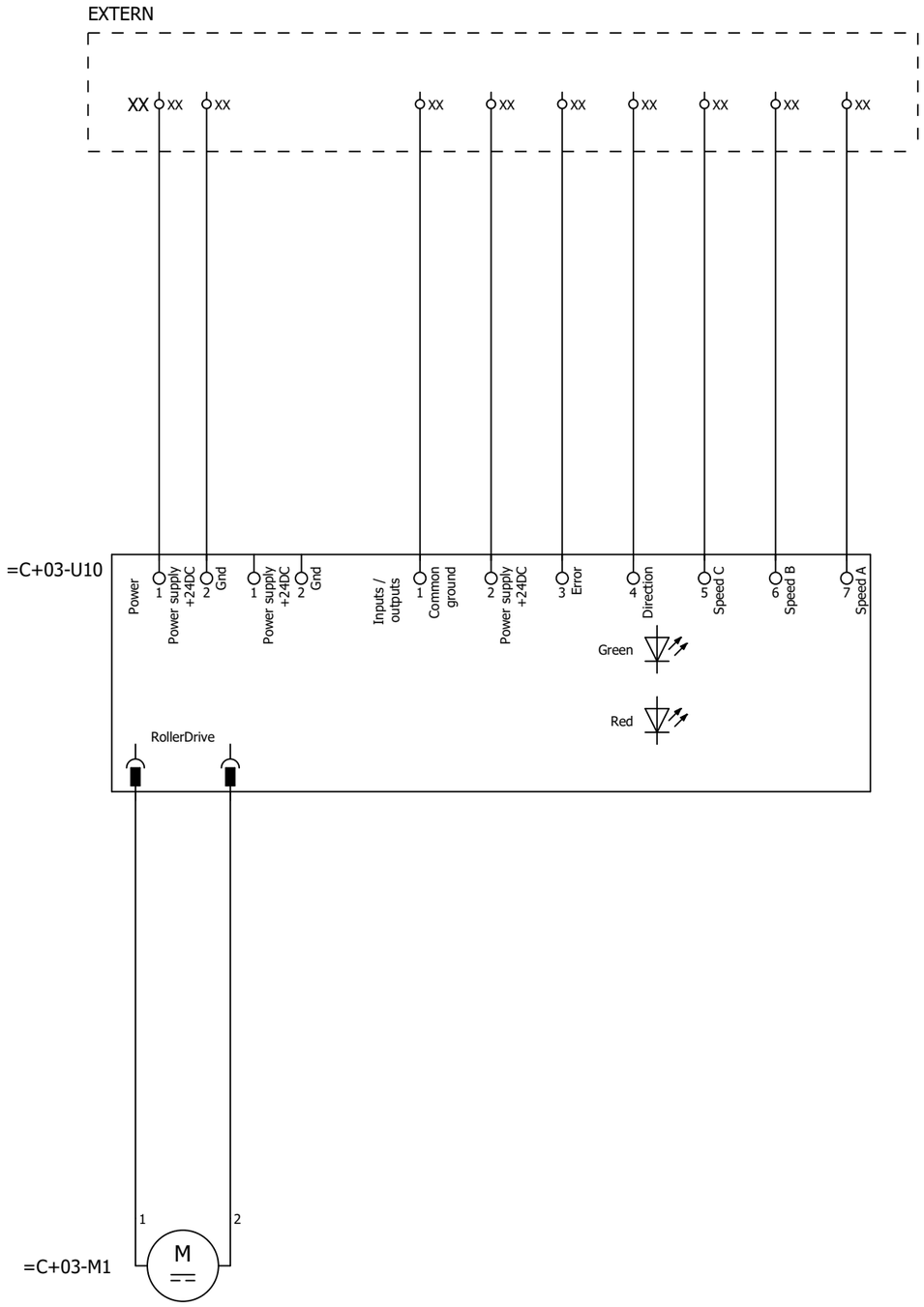


Passive plug-in terminal RollerDrive conveyor RDC3 outfeed	Wait position	Spare	Movement to wait position	Spare	Movement to outfeed position	Spare	Outfeed position	Spare

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal RollerDrive conveyor RDC3 outfeed	Spare	Spare	Spare	Spare	Spare	Spare	Product on outfeed	Product has left the outfeed



RollerDrive conveyor
outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®

Description of the project	PRmk5 (XL) Sorter conveyors Standard	Page description	Rollerdrive, 24VDC	Mounting group	RDC3 outfeed
				Mounting location	Drive conveyor

Ed.	DSP	=	C
Date	20-9-2018	+	03
Version	v4.2	Page	100

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: RDC4 infeed

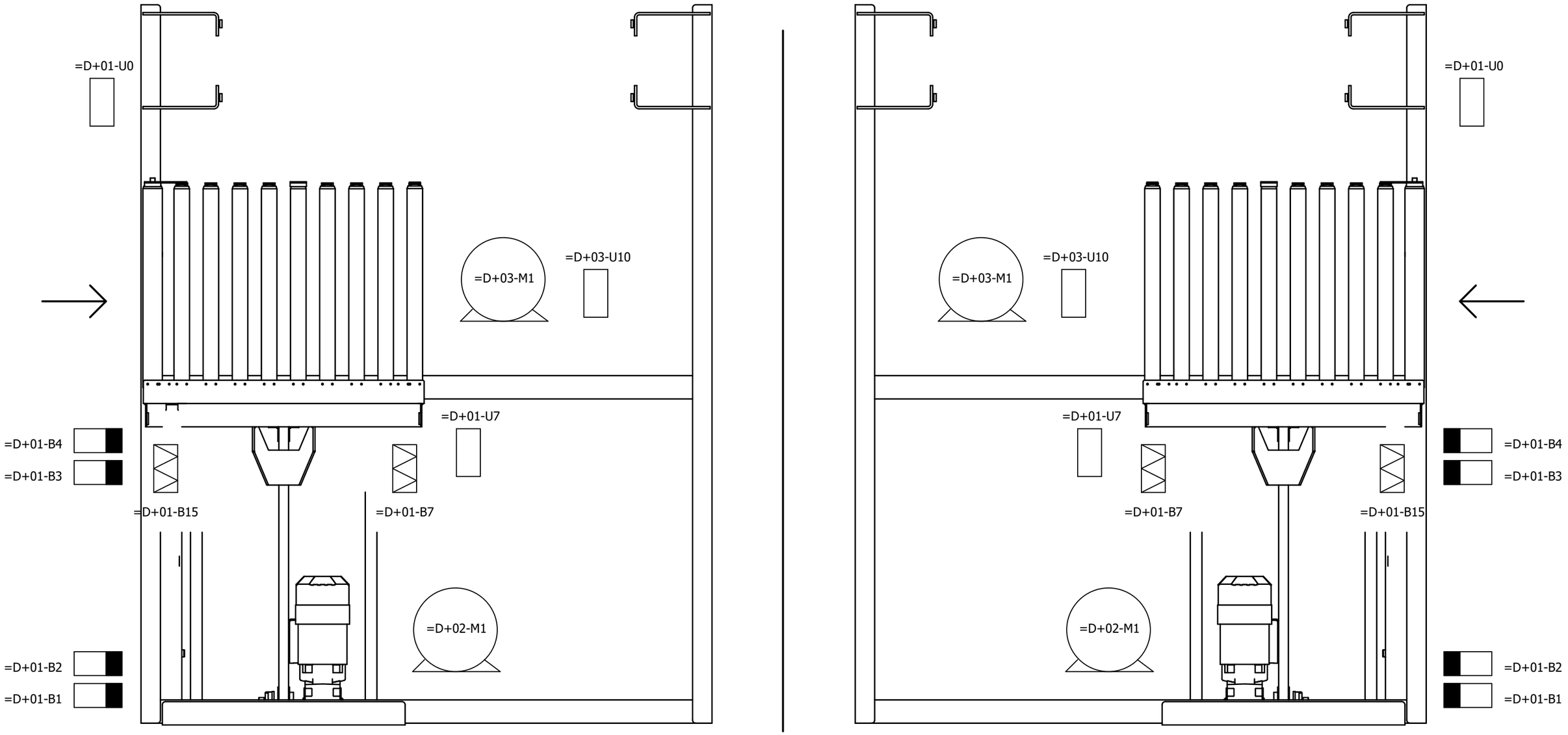
Type: Standard

Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=D	RDC4 infeed			1	Title page
				2	Table of contents
				10	Layout RollerDrive conveyor RDC4 infeed
				20	Overview passive plug-in terminal RDC4 infeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+02	Drive shuttle	150	Gearmotor, 3 fase
		+03	Drive conveyor	100	Rollerdrive, 24VDC



Legend:

=D+02-M1	Gearmotor shuttle movement
=D+03-M1	Drive RollerDrive conveyor infeed
=D+03-U10	Drive control, moveable infeed conveyor
=D+01-B1	Wait position
=D+01-B2	Low speed to wait position
=D+01-B3	Low speed to infeed position
=D+01-B4	Infeed position
=D+01-B7	Product on infeed
=D+01-B15	Product position monitoring
=D+01-U0	Passive plug-in terminal RollerDrive conveyor RDC4 infeed
=D+01-U7	T-coupler infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.

=D+01-B15
Product position monitoring

=D+01-B15-W1

=D+01-B7
Product on infeed

=D+01-B7-W1

=D+01-U7
T-coupler infeed

=D+01-U7-W1

=D+01-B3
Low speed to infeed position

=D+01-B3-W1

=D+01-B4
Infeed position

=D+01-B4-W1

=D+01-B1
Wait position

=D+01-B1-W1

=D+01-B2
Low speed to wait position

=D+01-B2-W1

=D+01-U0
Passive plug-in terminal
RollerDrive conveyor RDC4
infeed

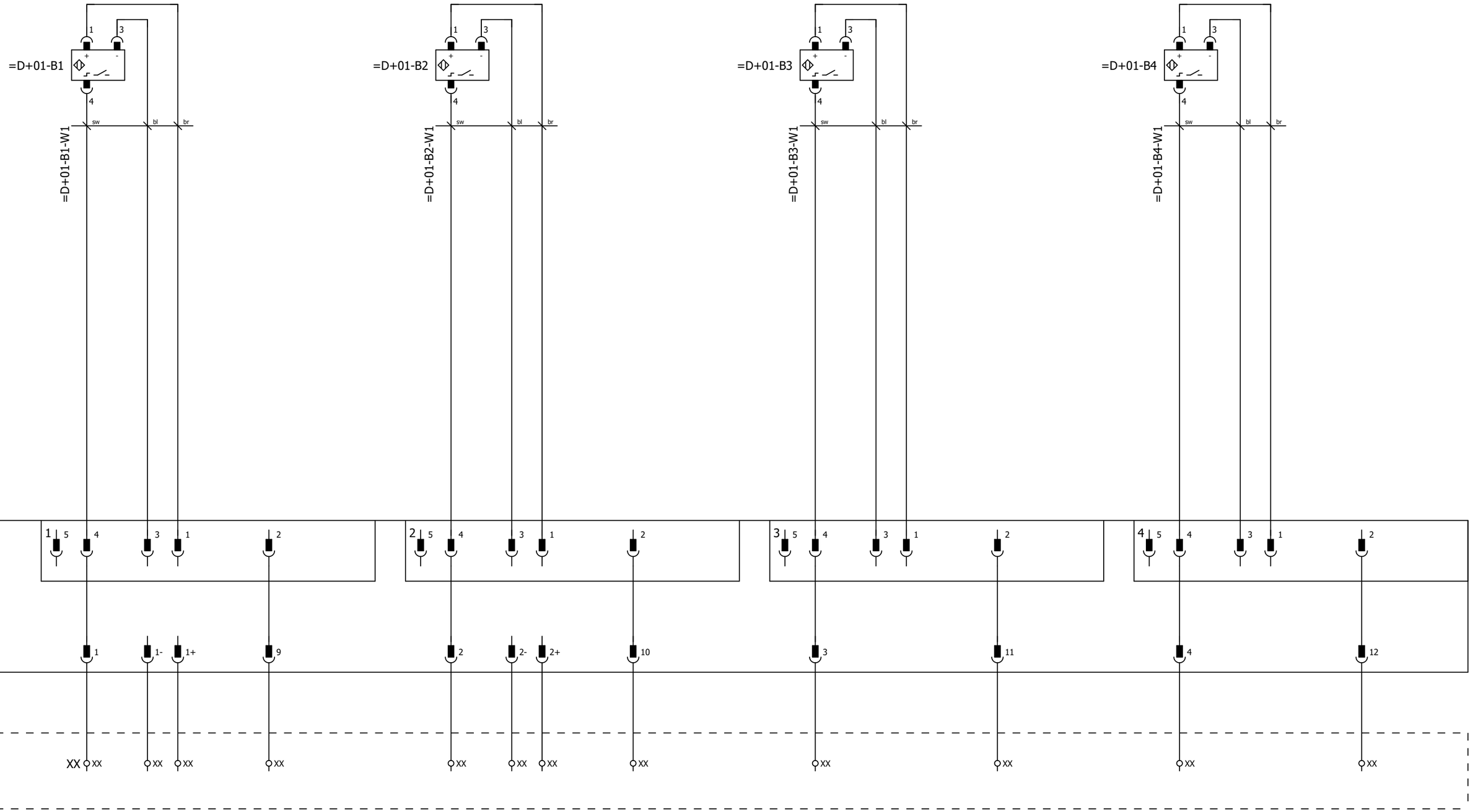
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors, Standard	Page description: Overview passive plug-in terminal RDC4 infeed	Mounting group: RDC4 infeed	Ed. DSP / Date 19-6-2018 / Version v4.2	= D
			Mounting location		+
					Page 20

Parts list

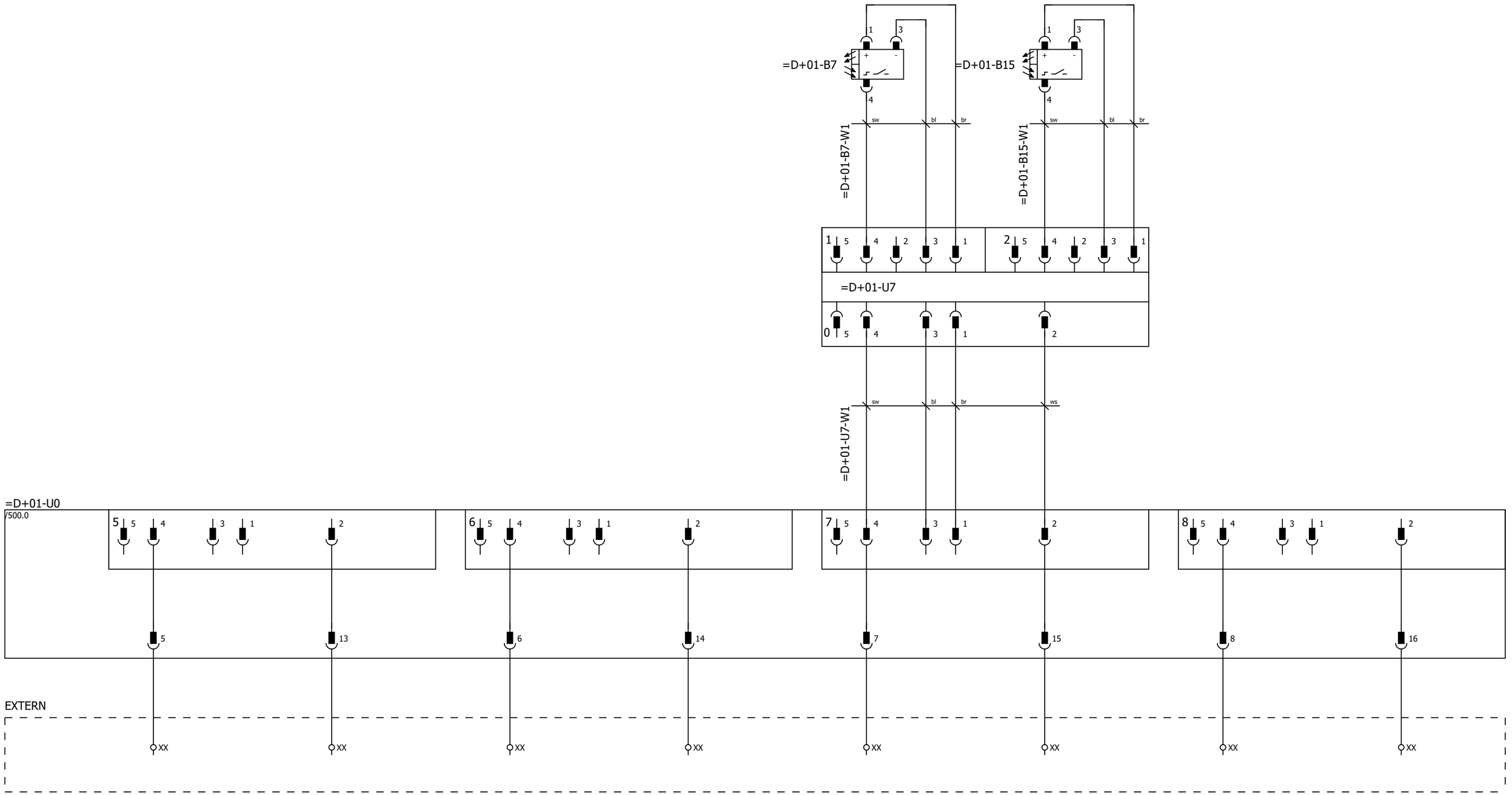
Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B1-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B2	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B2-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B3	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B3-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B4	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B4-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B7	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B7	1	1002242	Reflector	Sick	C42-2
+01-B7-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B15	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B15	1	1002242	Reflector	Sick	C42-2
+01-B15-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U7	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U7-W1	1	1003282	Prefab cable, PUR, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PUR-OB 4x0,34mm2
+02-M1	1		See specification sheet		
+03-M1	1		See specification sheet		
+03-U10	1		See specification sheet		

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors / Standard	Page description: Field components	Mounting group: RDC4 infeed	Ed.	DSP	=	D
				Date	19-9-2018		
			Mounting location: Detection	Version	v4.2	+	01
						Page	500

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal RollerDrive conveyor RDC4 infeed

Spare

Spare

Spare

Spare

Product on infeed

Product position monitoring

Spare

Spare

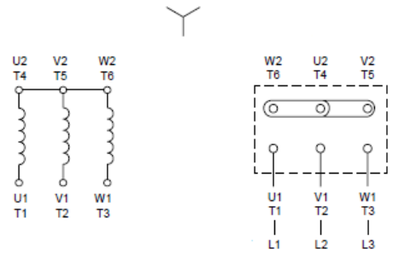
Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors, Standard	Page description: Field components	Mounting group: RDC4 infeed	Ed.	DSP	=	D
				Date	24-9-2018		
			Mounting location: Detection	Version	v4.2	+	01
						Page	501

EXTERN

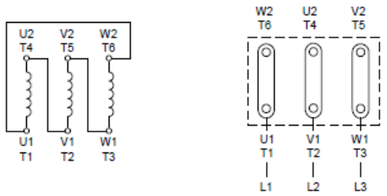
Alternative

XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX

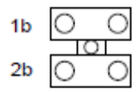
Connection gearmotor star



Connection gearmotor delta



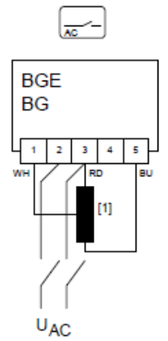
Connection thermistor



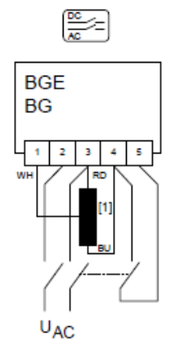
1b	2b
TF/TH/TS	TF/TH/TS

Connection brake
230VAC + 400VAC

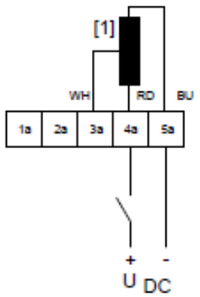
Normal break reaction



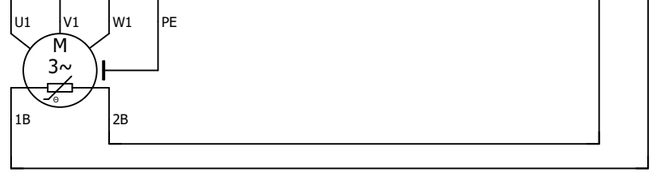
Rapid break reaction



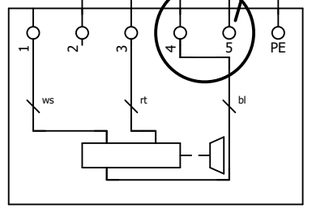
Connection brake
24VDC



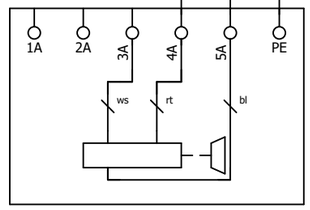
=D+02-M1



Gearmotor +
thermistor



Brake
150...500VAC



Brake
24VDC

Gearmotor shuttle
movement

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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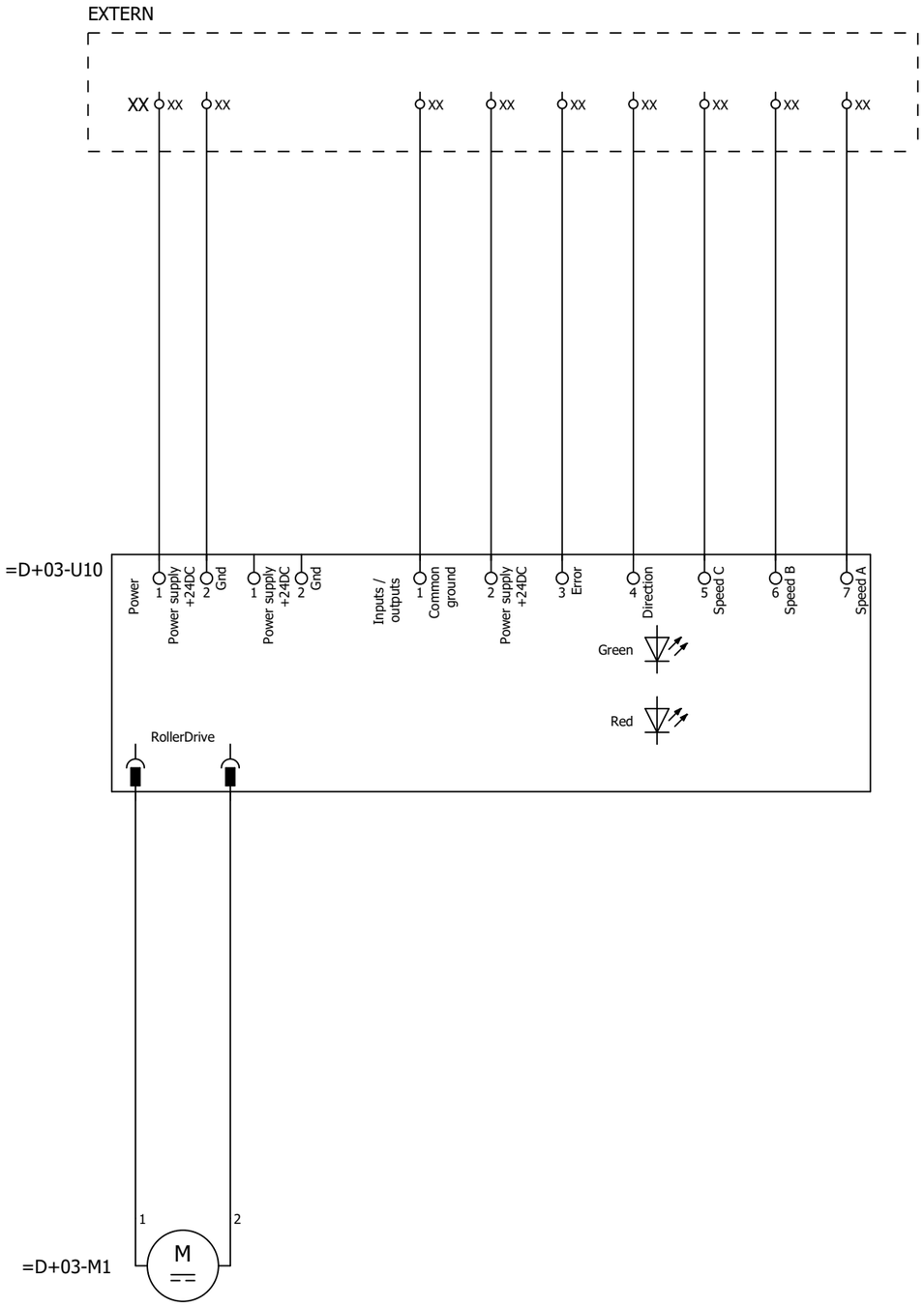
Description of the project	PRmk5 (XL) Sorter conveyors Standard	Page description	Gearmotor, 3 fase	Mounting group	RDC4 infeed
				Mounting location	Drive shuttle

Ed.	DSP	=	D
Date	3-12-2018	+	02
Version	v4.2	Page	150



RollerDrive conveyor infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®

Description of the project	PRmk5 (XL) Sorter conveyors Standard	Page description	Rollerdrive, 24VDC	Mounting group	RDC4 infeed
				Mounting location	Drive conveyor

Ed.	DSP	=	D
Date	20-9-2018	+	03
Version	v4.2	Page	100

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: RDC4 outfeed

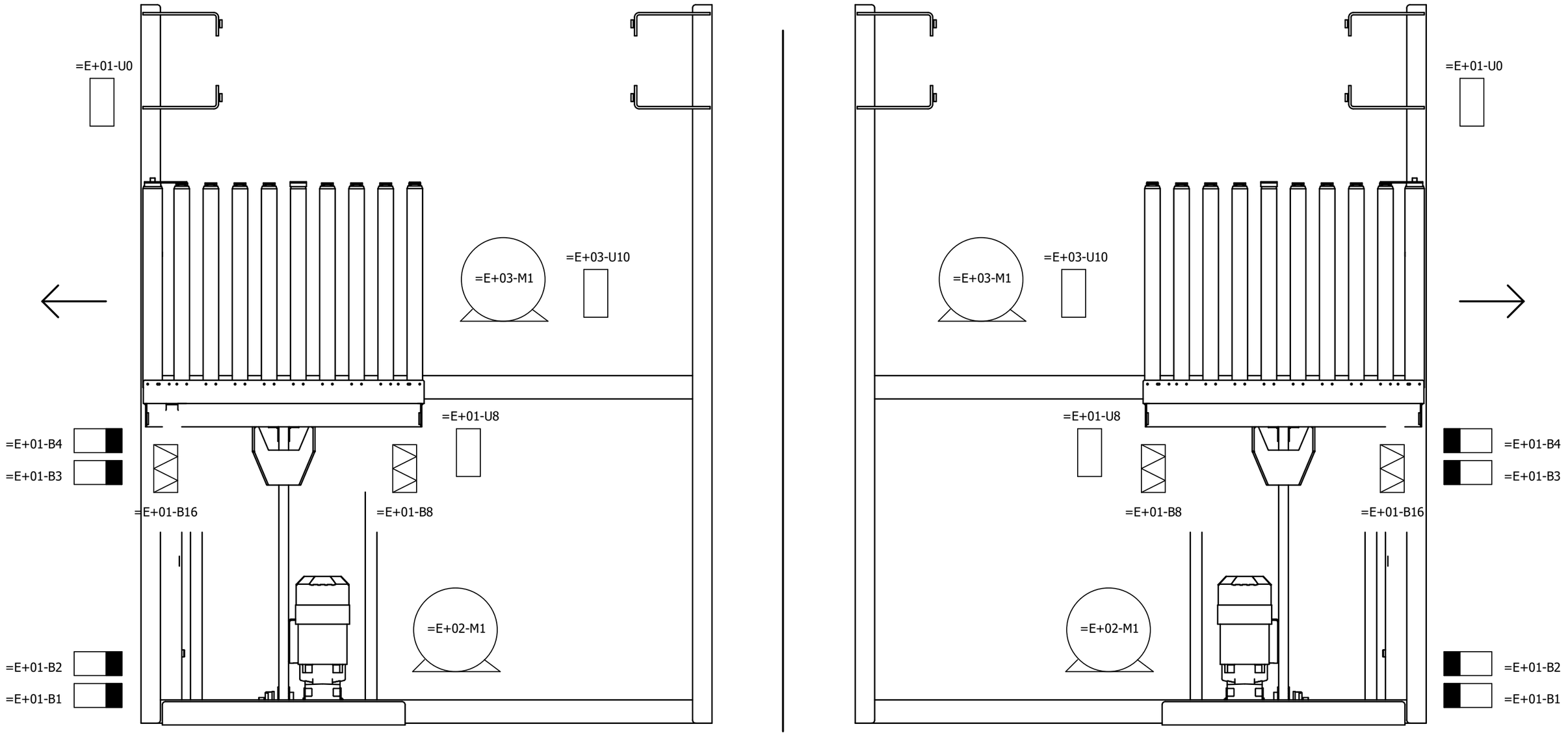
Type: Standard

Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=E	RDC4 outfeed			1	Title page
				2	Table of contents
				10	Layout RollerDrive conveyor RDC4 outfeed
				20	Overview passive plug-in terminal RDC4 outfeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+02	Drive shuttle	150	Gearmotor, 3 fase
		+03	Drive conveyor	100	Rollerdrive, 24VDC

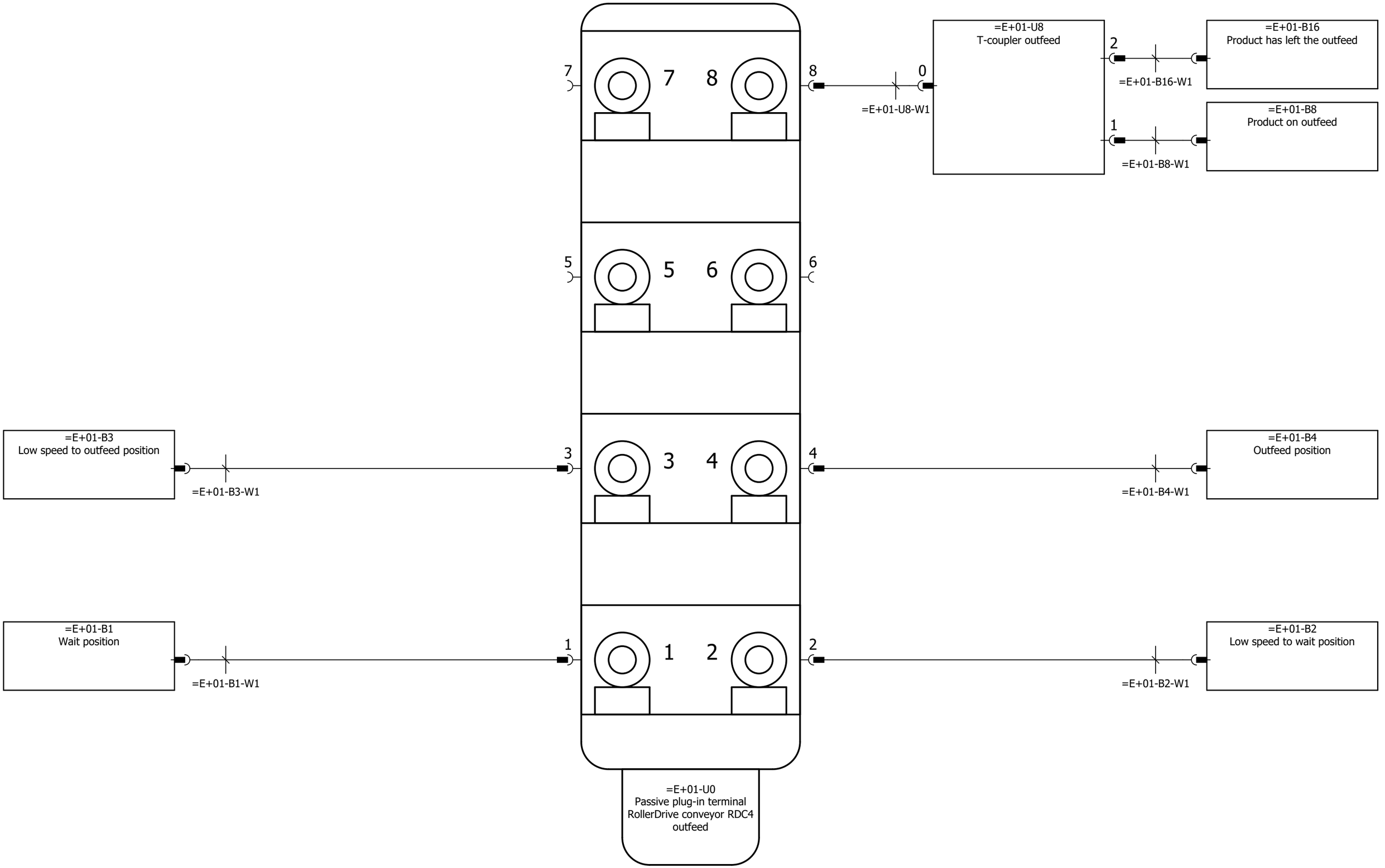


Legend:

=E+02-M1	Gearmotor shuttle movement
=E+03-M1	Drive RollerDrive conveyor outfeed
=E+03-U10	Drive control, moveable outfeed conveyor
=E+01-B1	Wait position
=E+01-B2	Low speed to wait position
=E+01-B3	Low speed to outfeed position
=E+01-B4	Outfeed position
=E+01-B8	Product on outfeed
=E+01-B16	Product has left the outfeed
=E+01-U0	Passive plug-in terminal RollerDrive conveyor RDC4 outfeed
=E+01-U8	T-coupler outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.

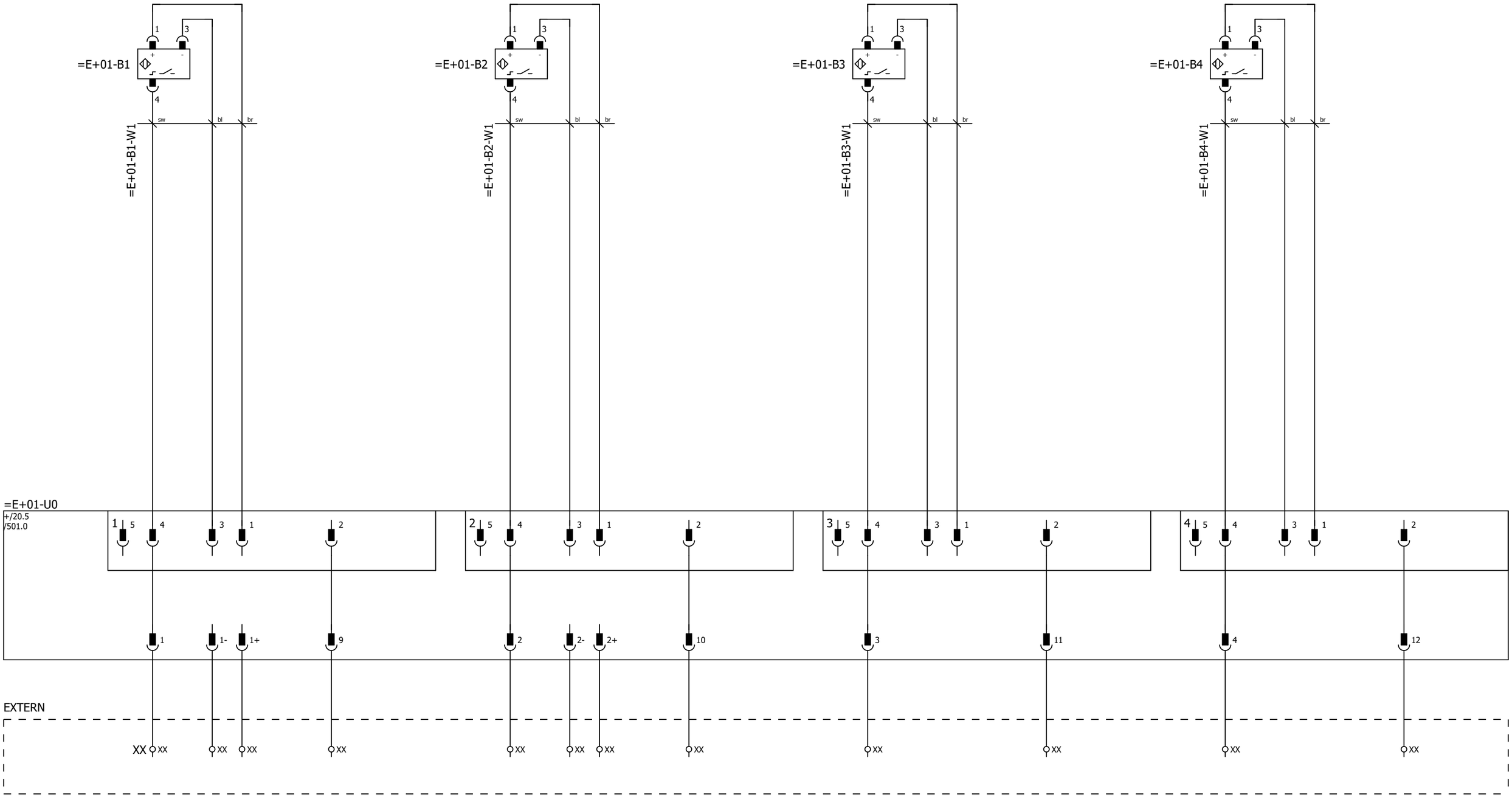


For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Parts list

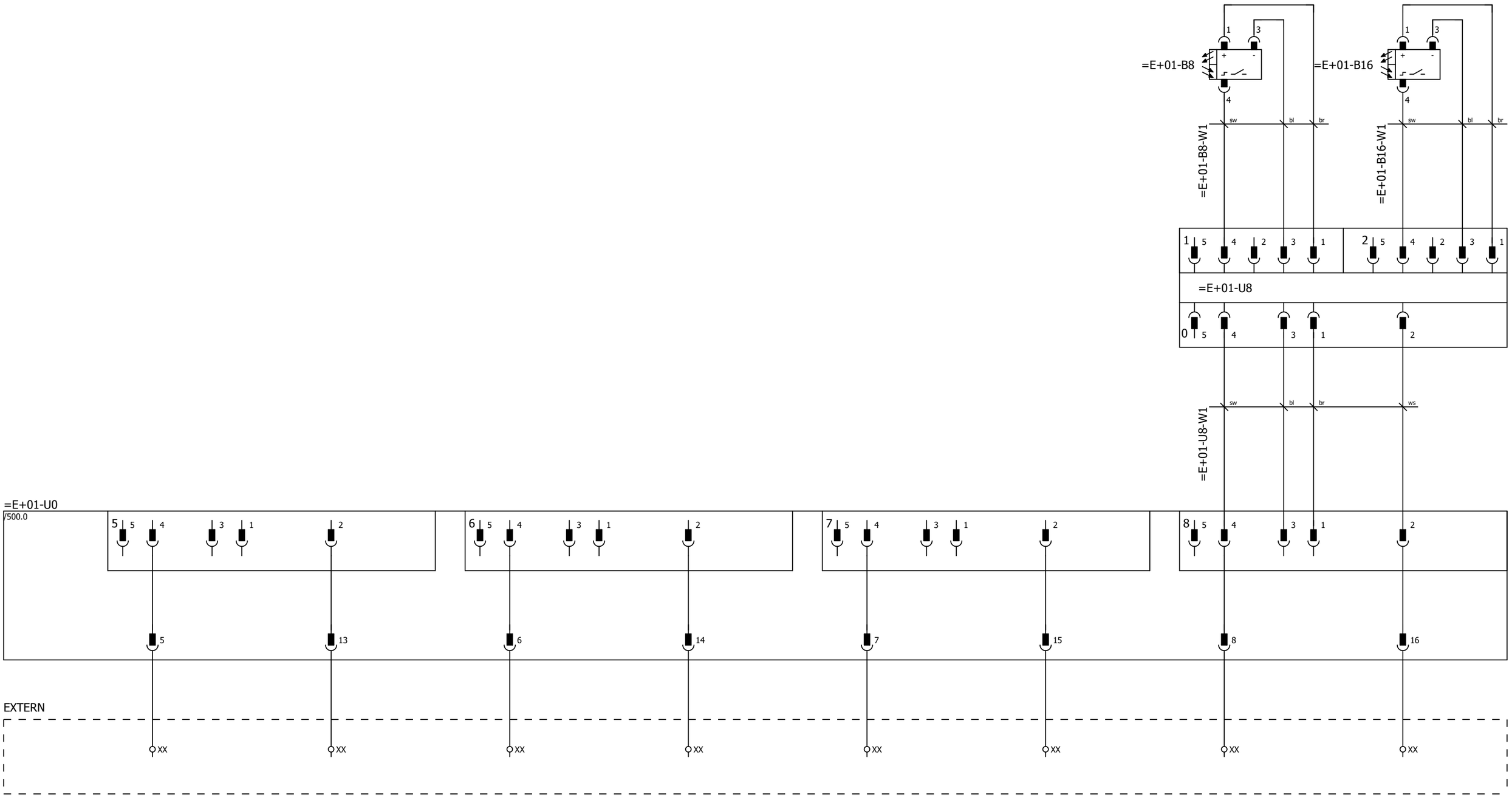
Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B1-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B2	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B2-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B3	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B3-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B4	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B4-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B8	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B8	1	1002242	Reflector	Sick	C42-2
+01-B8-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B16	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B16	1	1002242	Reflector	Sick	C42-2
+01-B16-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U8	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U8-W1	1	1003282	Prefab cable, PUR, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PUR-OB 4x0,34mm2
+02-M1	1		See specification sheet		
+03-M1	1		See specification sheet		
+03-U10	1		See specification sheet		

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal RollerDrive conveyor RDC4 outfeed	**Wait position**	Spare	Low speed to wait position	Spare	Low speed to outfeed position	Spare	Outfeed position	Spare	

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



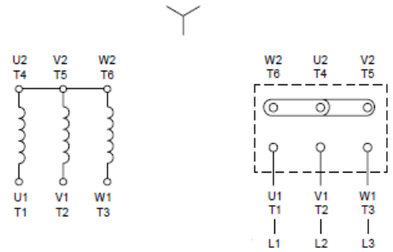
Passive plug-in terminal RollerDrive conveyor RDC4 outfeed	Spare	Spare	Spare	Spare	Spare	Spare	Product on outfeed	Product has left the outfeed

EXTERN

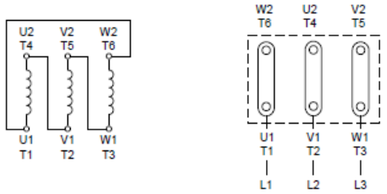
Alternative

XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX

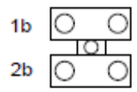
Connection gearmotor star



Connection gearmotor delta



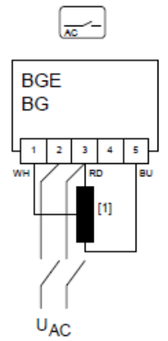
Connection thermistor



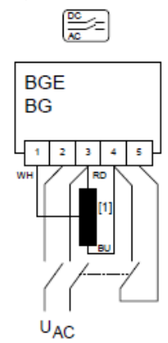
1b	2b
TF/TH/TS	TF/TH/TS

Connection brake
230VAC + 400VAC

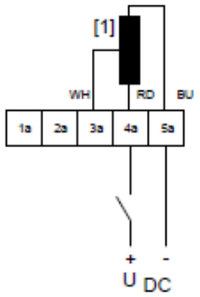
Normal break reaction



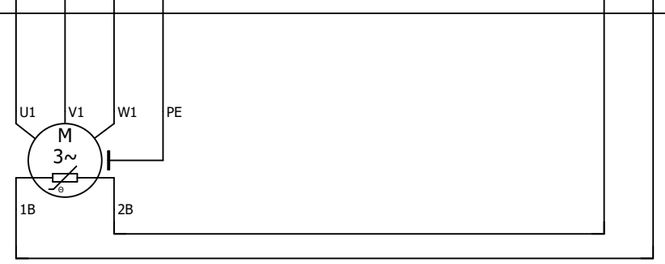
Rapid break reaction



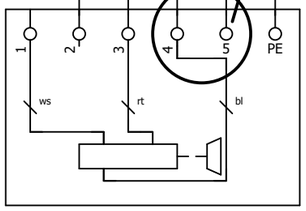
Connection brake
24VDC



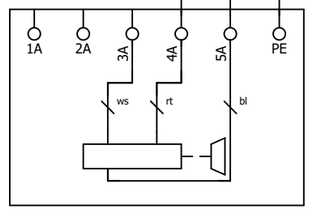
=E+02-M1



Gearmotor +
thermistor



Brake
150...500VAC



Brake
24VDC

Gearmotor shuttle
movement

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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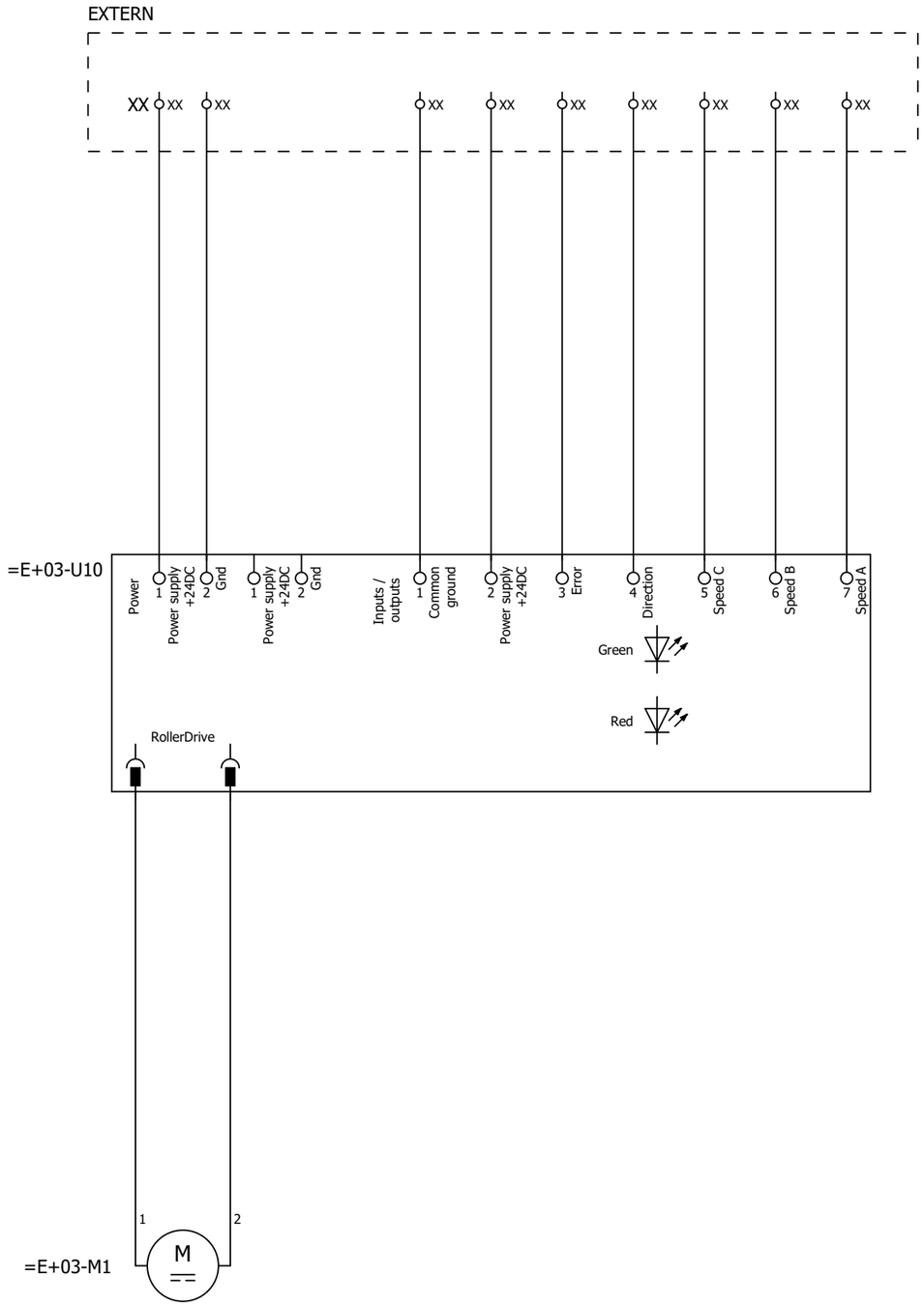
Description of the project	PRmk5 (XL) Sorter conveyors Standard	Page description	Gearmotor, 3 fase	Mounting group	RDC4 outfeed
				Mounting location	Drive shuttle

Ed.	DSP	=	E
Date	3-12-2018	+	02
Version	v4.2	Page	150



RollerDrive conveyor
outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: MBC3 infeed

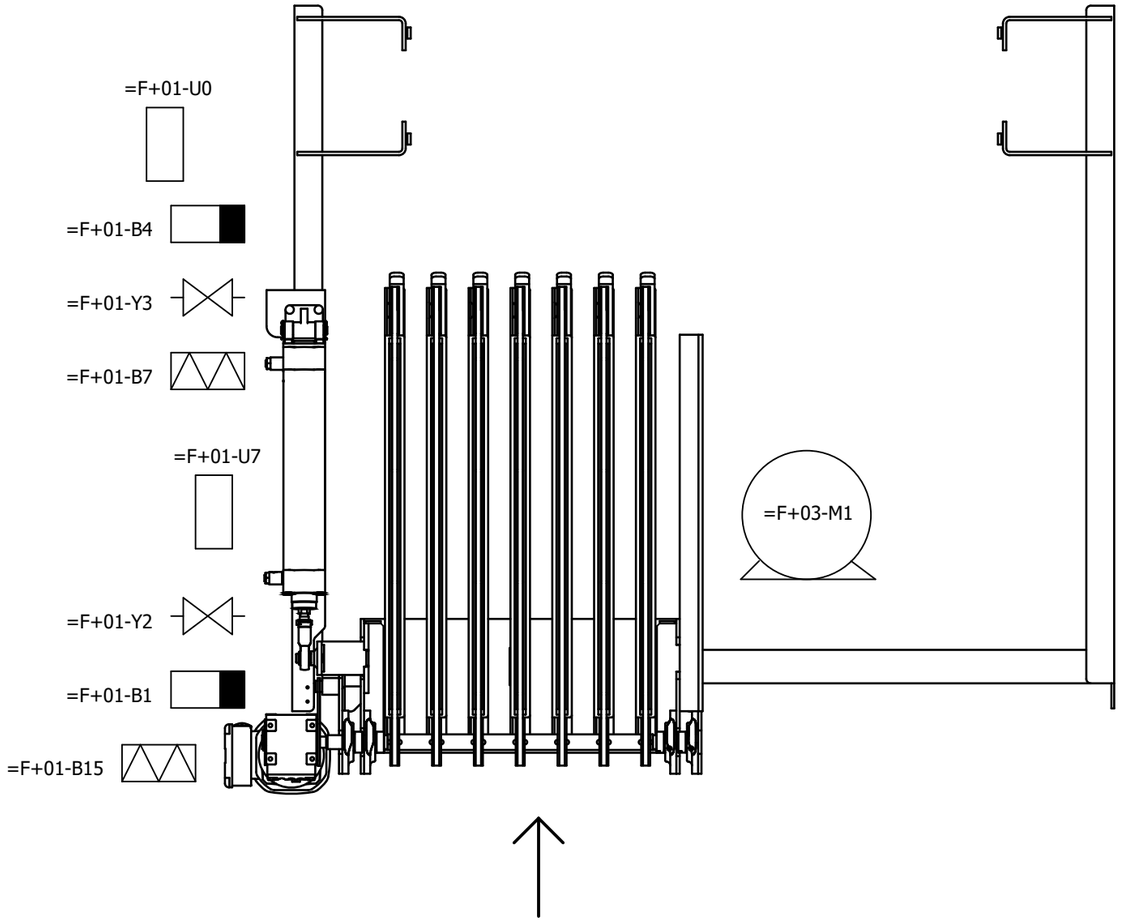
Type: Standard

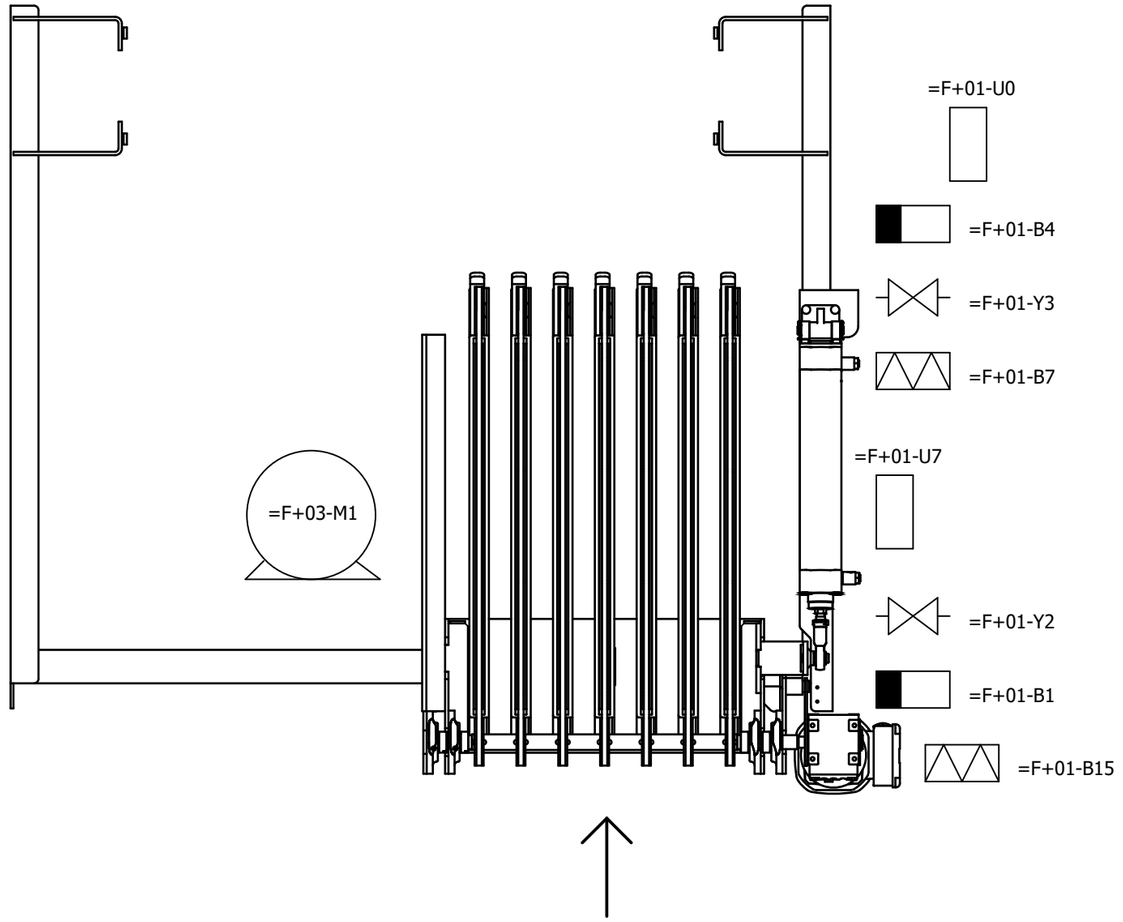
Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=F	MBC3 infeed			1	Title page
				2	Table of contents
				10	Layout Multi belt conveyor MBC3 infeed
				20	Overview passive plug-in terminal MBC3 infeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+03	Drive conveyor	150	Gearmotor, 3 fase



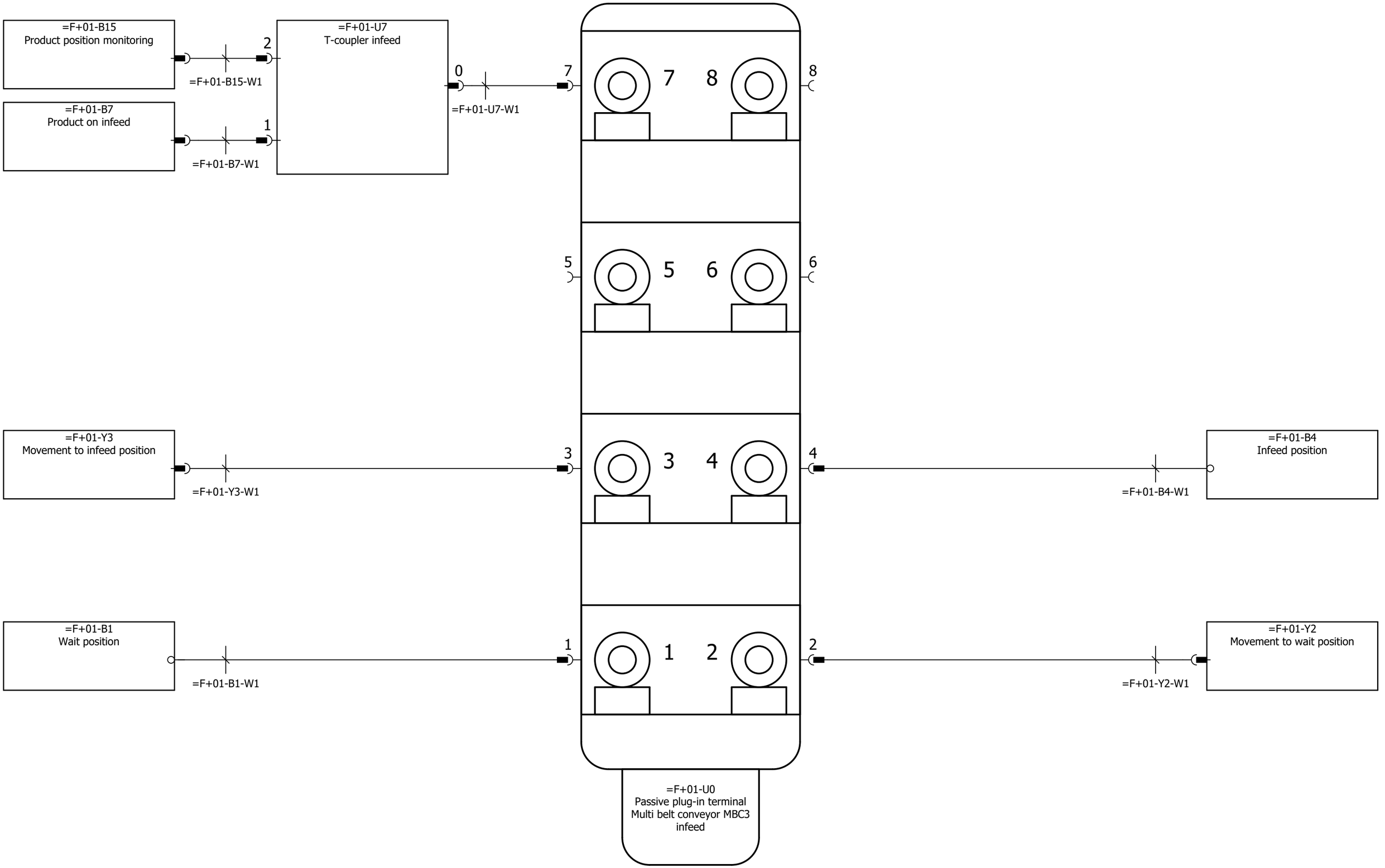


Legend:

=F+03-M1	Gearmotor conveyor infeed
=F+01-B1	Wait position
=F+01-Y2	Movement to wait position
=F+01-Y3	Movement to infeed position
=F+01-B4	Infeed position
=F+01-B7	Product on infeed
=F+01-B15	Product position monitoring
=F+01-U0	Passive plug-in terminal Multi belt conveyor MBC3 infeed
=F+01-U7	T-coupler infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.

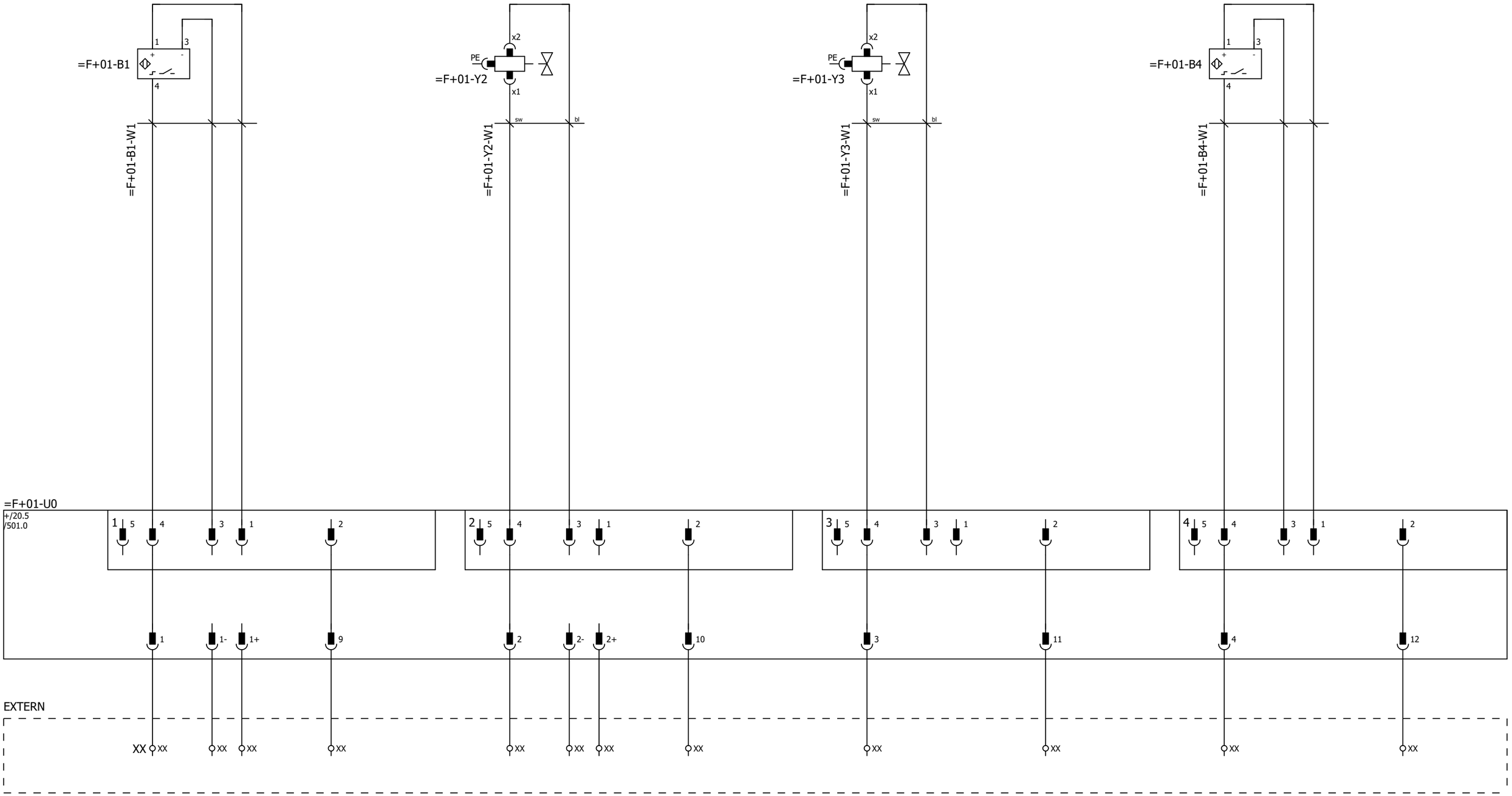


For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Parts list

Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1007850	Proximity Sensor	Festo	SMT-8M-A-PS-24V-E-1-N-M12
+01-B4	1	1007850	Proximity Sensor	Festo	SMT-8M-A-PS-24V-E-1-N-M12
+01-B7	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B7	1	1002242	Reflector	Sick	C42-2
+01-B7	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B7-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B15	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B15	1	1002242	Reflector	Sick	C42-2
+01-B15	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B15-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U7	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U7-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-Y2	1		See specification sheet		
+01-Y2-W1	1	1005959	Prefab cable, PVC, 0,3 meter, connector M12 male + female M8 straight 90°, 3-pole	Murrelektronic	PVC-OB 3x0,25mm2
+01-Y3	1		See specification sheet		
+01-Y3-W1	1	1005959	Prefab cable, PVC, 0,3 meter, connector M12 male + female M8 straight 90°, 3-pole	Murrelektronic	PVC-OB 3x0,25mm2
+03-M1	1		See specification sheet		

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal Multi belt conveyor MBC3 infeed

Wait position

Spare

Movement to wait position

Spare

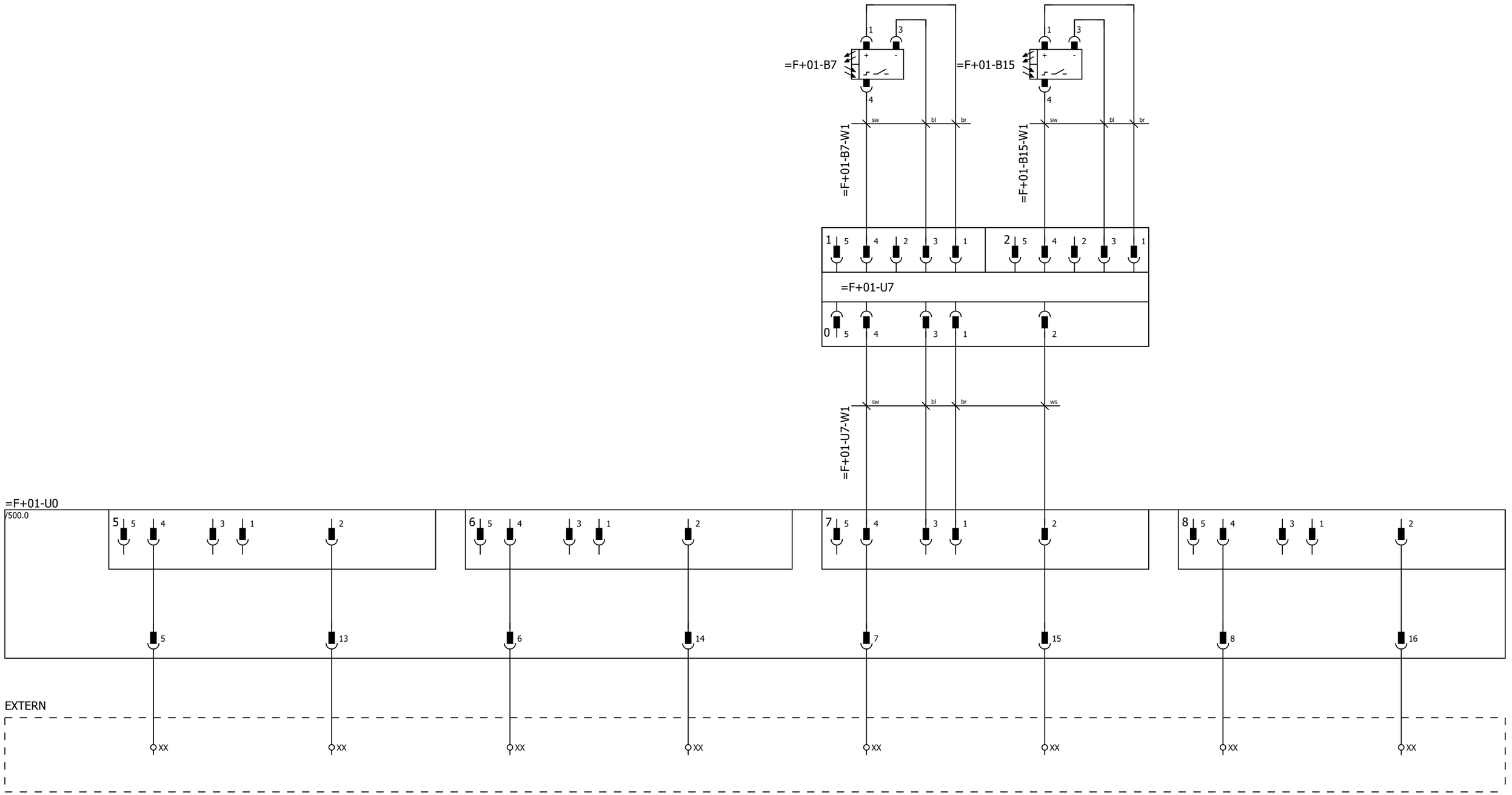
Movement to infeed position

Spare

Infeed position

Spare

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal Multi belt conveyor MBC3 infeed

Spare

Spare

Spare

Spare

Product on infeed

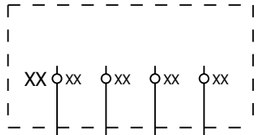
Product position monitoring

Spare

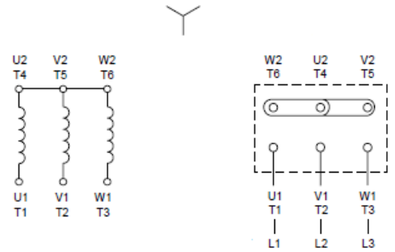
Spare

Description of the project: PRmk5 (XL) Sorter conveyors, Standard	Page description: Field components	Mounting group: MBC3 infeed	Mounting location: Detection	Ed.	DSP	=	F
				Date	19-9-2018	+	01
				Version	v4.2	Page	501

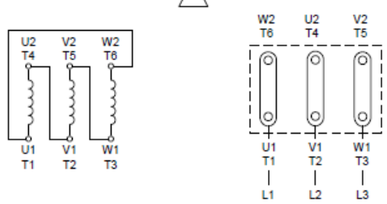
EXTERN



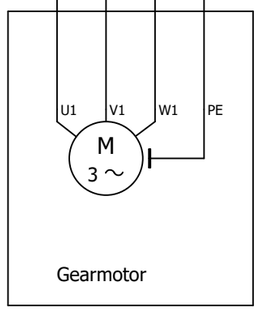
Connection gearmotor star



Connection gearmotor delta



=F+03-M1



Gearmotor conveyor infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: MBC3 outfeed

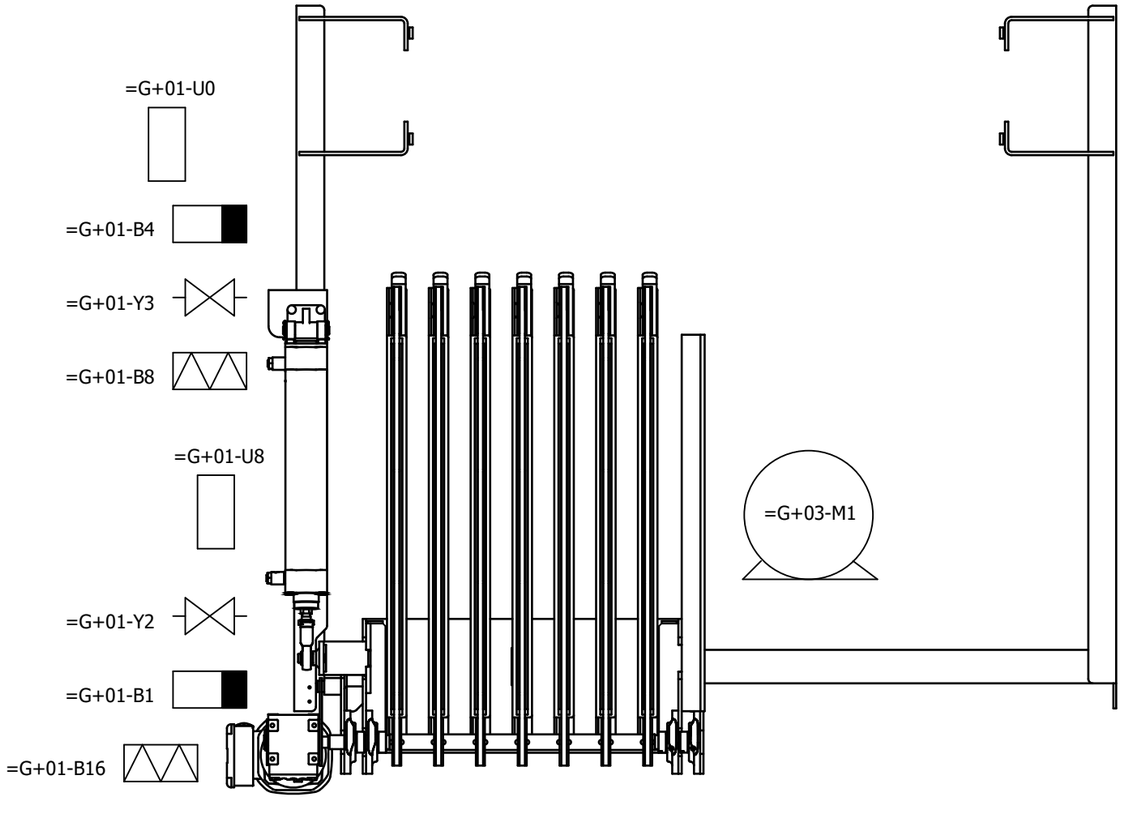
Type: Standard

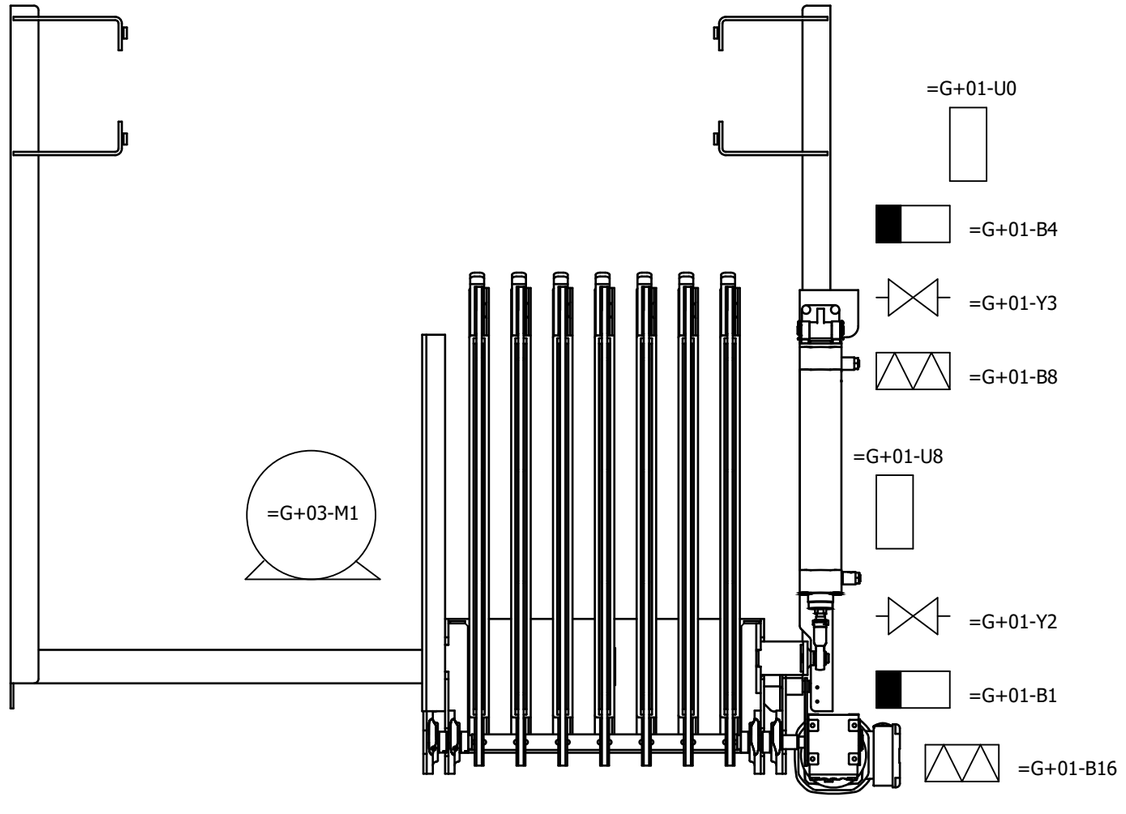
Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=G	MBC3 outfeed			1	Title page
				2	Table of contents
				10	Layout Multi belt conveyor MBC3 outfeed
				20	Overview passive plug-in terminal MBC3 outfeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+03	Drive conveyor	150	Gearmotor, 3 fase



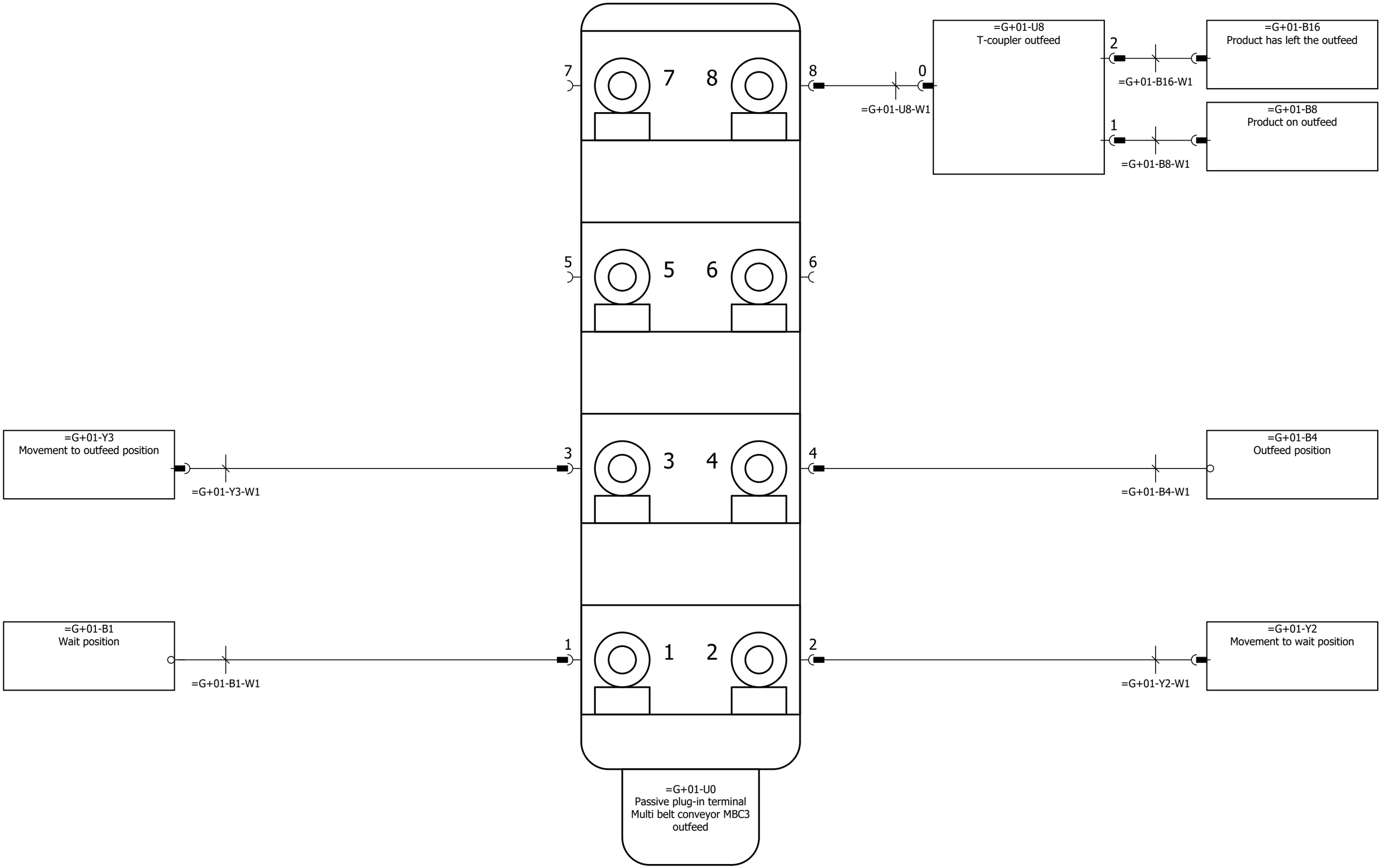


Legend:

=G+03-M1	Gearmotor conveyor outfeed
=G+01-B1	Wait position
=G+01-Y2	Movement to wait position
=G+01-Y3	Movement to outfeed position
=G+01-B4	Outfeed position
=G+01-B8	Product on outfeed
=G+01-B16	Product has left the outfeed
=G+01-U0	Passive plug-in terminal Multi belt conveyor MBC3 outfeed
=G+01-U8	T-coupler outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.



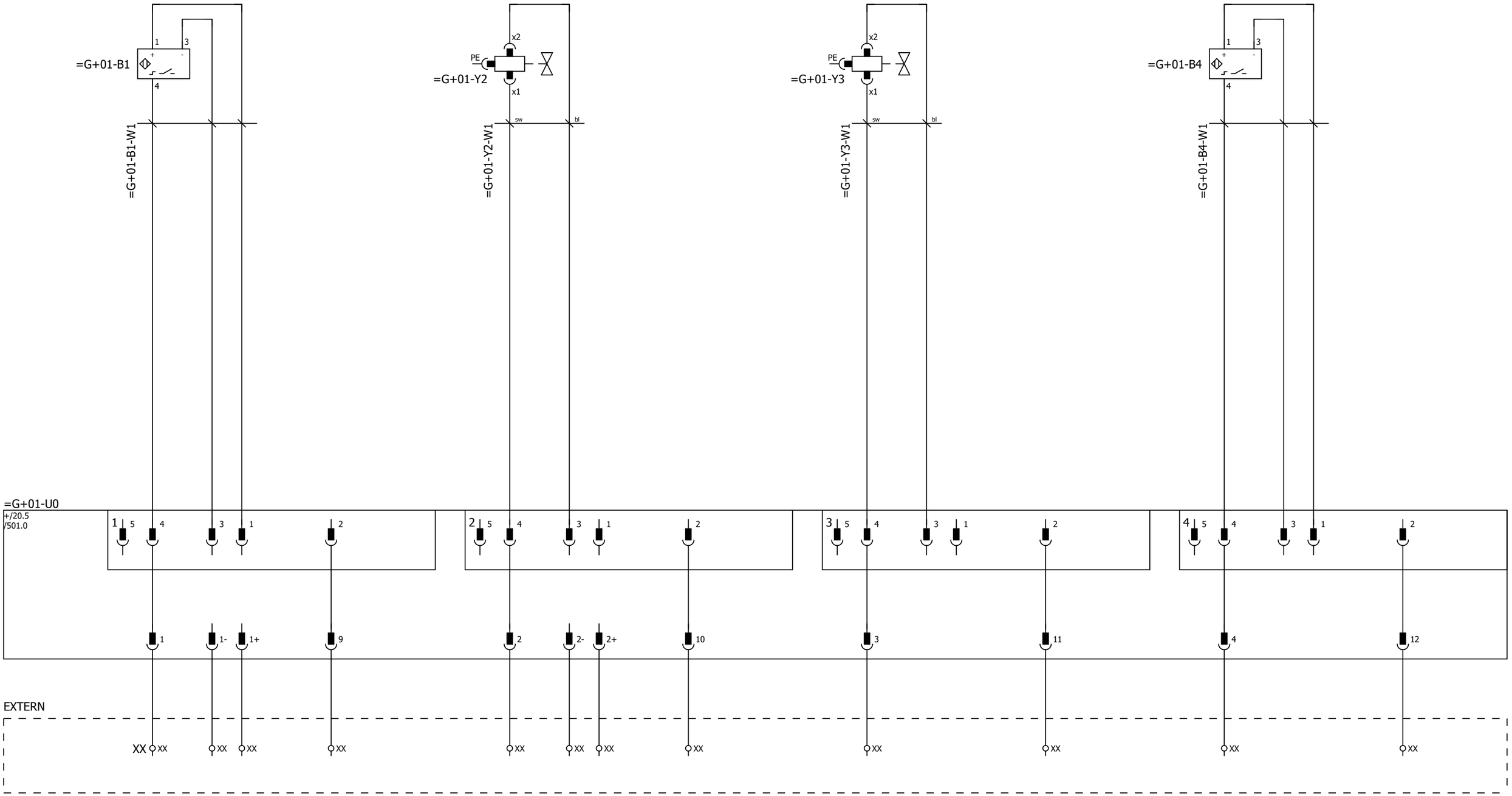
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors Standard	Page description: Overview passive plug-in terminal MBC3 outfeed	Mounting group: MBC3 outfeed Mounting location:	Ed. DSP Date 19-6-2018 Version v4.2	= G + Page 20

Parts list

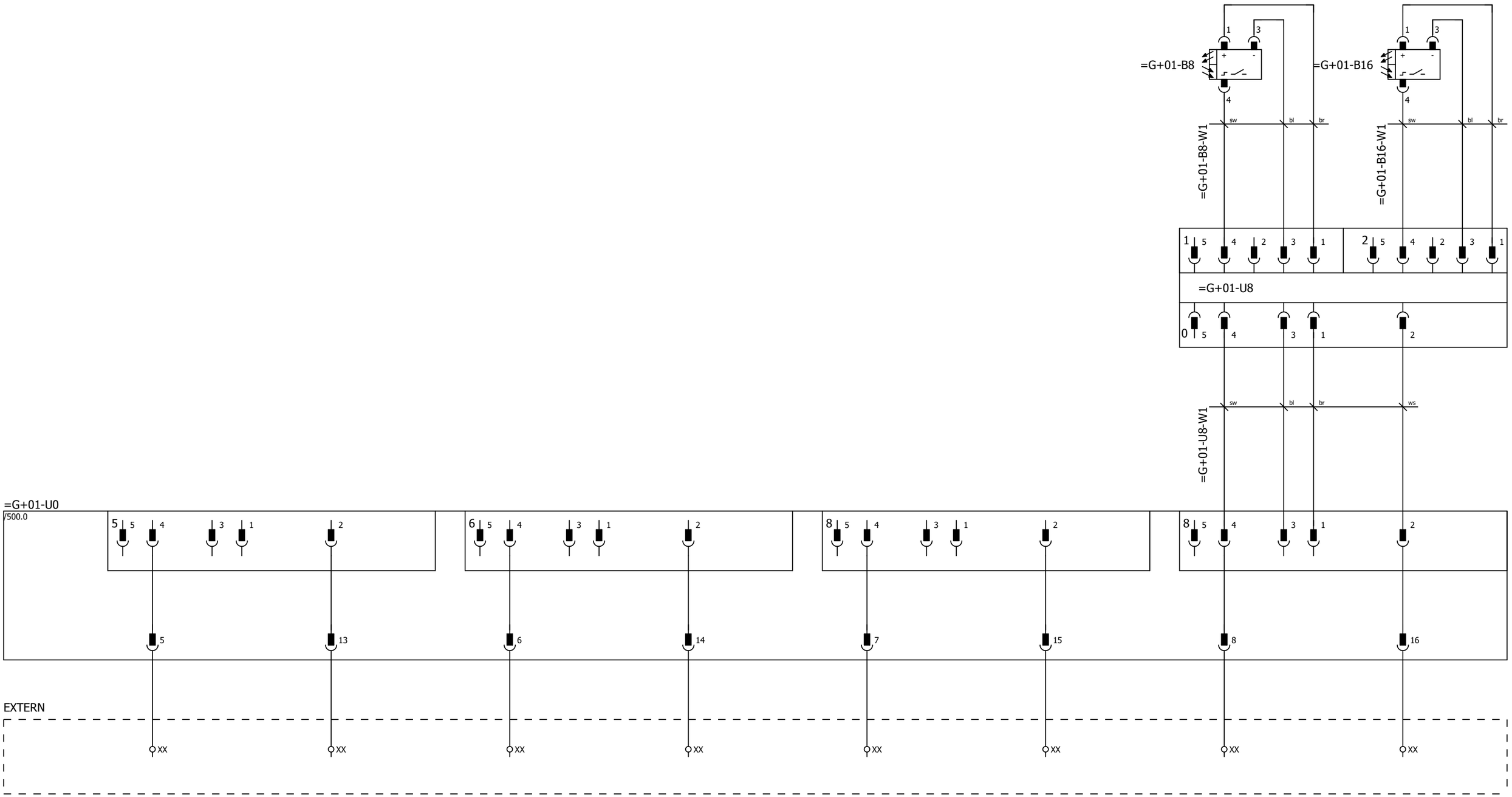
Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1007850	Proximity Sensor	Festo	SMT-8M-A-PS-24V-E-1-N-M12
+01-B4	1	1007850	Proximity Sensor	Festo	SMT-8M-A-PS-24V-E-1-N-M12
+01-B8	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B8	1	1002242	Reflector	Sick	C42-2
+01-B8	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B8-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B16	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B16	1	1002242	Reflector	Sick	C42-2
+01-B16	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B16-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U8	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U8-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-Y2	1		Coil see mechanical part list	Qimarox	
+01-Y2-W1	1	1005959	Prefab cable, PVC, 0,3 meter, connector M12 male + female M8 straight 90°, 3-pole	Murrelektronic	PVC-OB 3x0,25mm2
+01-Y3	1		Coil see mechanical part list	Qimarox	
+01-Y3-W1	1	1005959	Prefab cable, PVC, 0,3 meter, connector M12 male + female M8 straight 90°, 3-pole	Murrelektronic	PVC-OB 3x0,25mm2
+03-M1	1		See specification sheet		

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



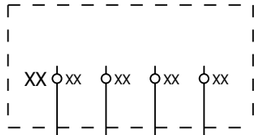
Passive plug-in terminal Multi belt conveyor MBC3 outfeed	Wait position	Spare	Movement to wait position	Spare	Movement to outfeed position	Spare	Outfeed position	Spare	

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

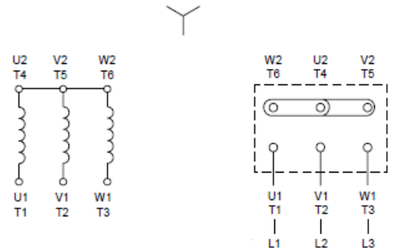


Passive plug-in terminal Multi belt conveyor MBC3 outfeed	Spare	Spare	Spare	Spare	Spare	Spare	Product on outfeed	Product has left the outfeed

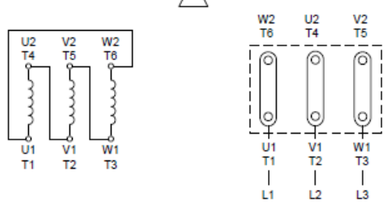
EXTERN



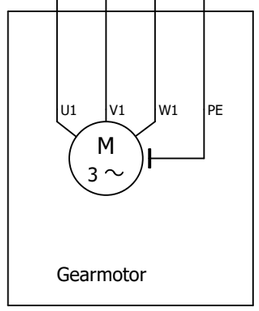
Connection gearmotor star



Connection gearmotor delta



=G+03-M1



Gearmotor conveyor outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: MBC4 infeed

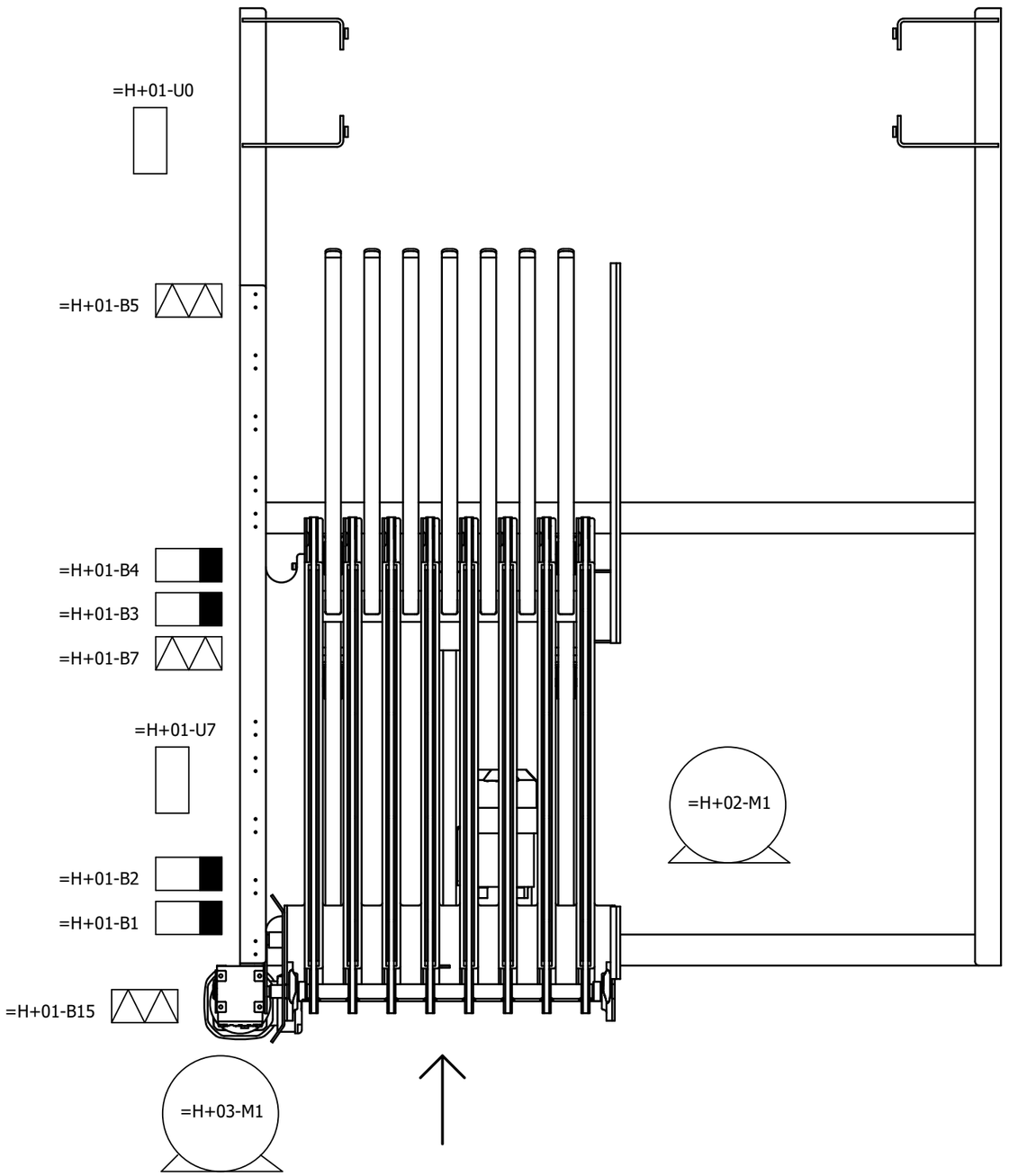
Type: Standard

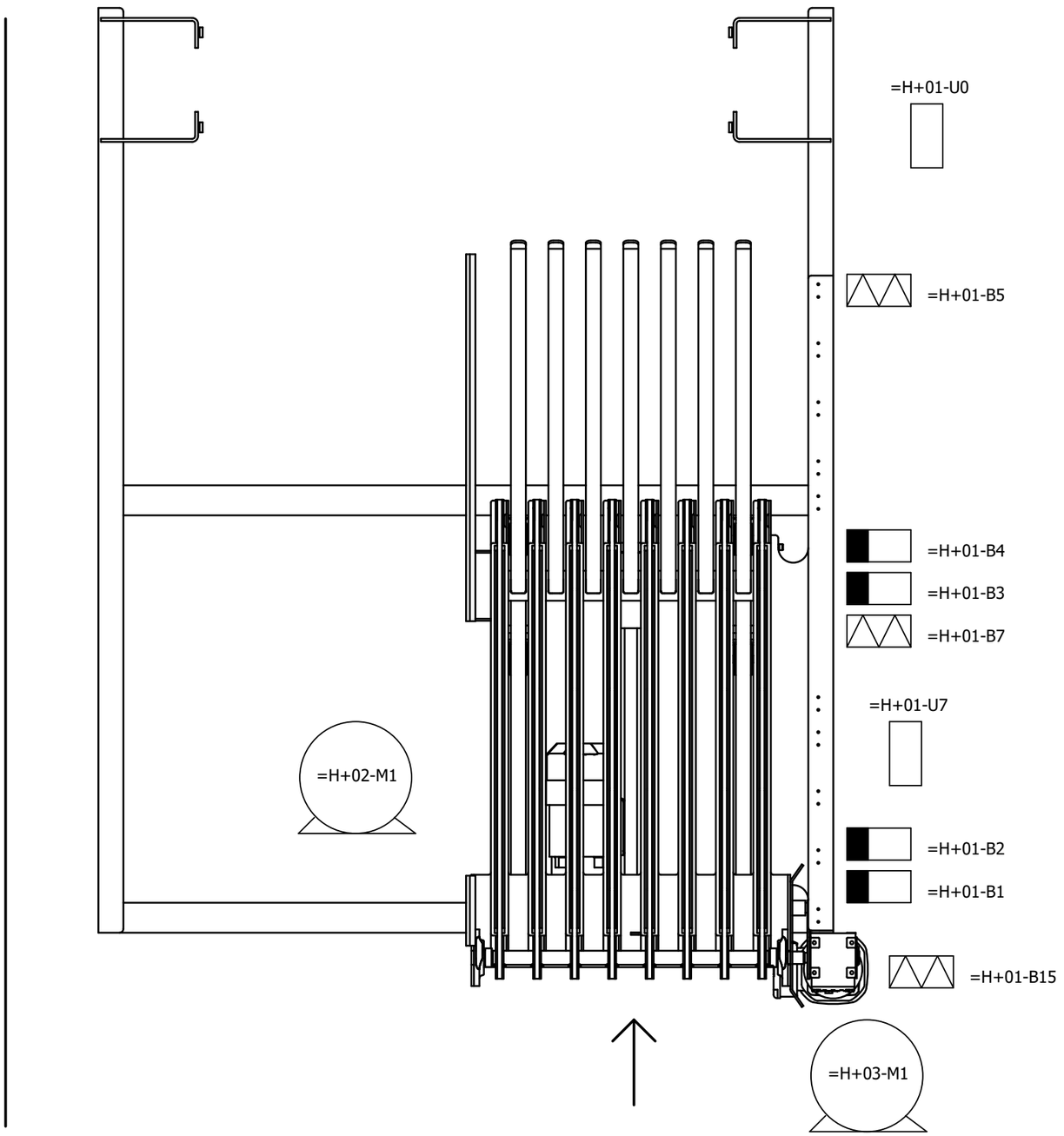
Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=H	MBC4 infeed			1	Title page
				2	Table of contents
				10	Layout Multi belt conveyor MBC4 infeed
				20	Overview passive plug-in terminal MBC4 infeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+02	Drive shuttle	150	Gearmotor, 3 fase
		+03	Drive conveyor	150	Gearmotor, 3 fase





Legend:

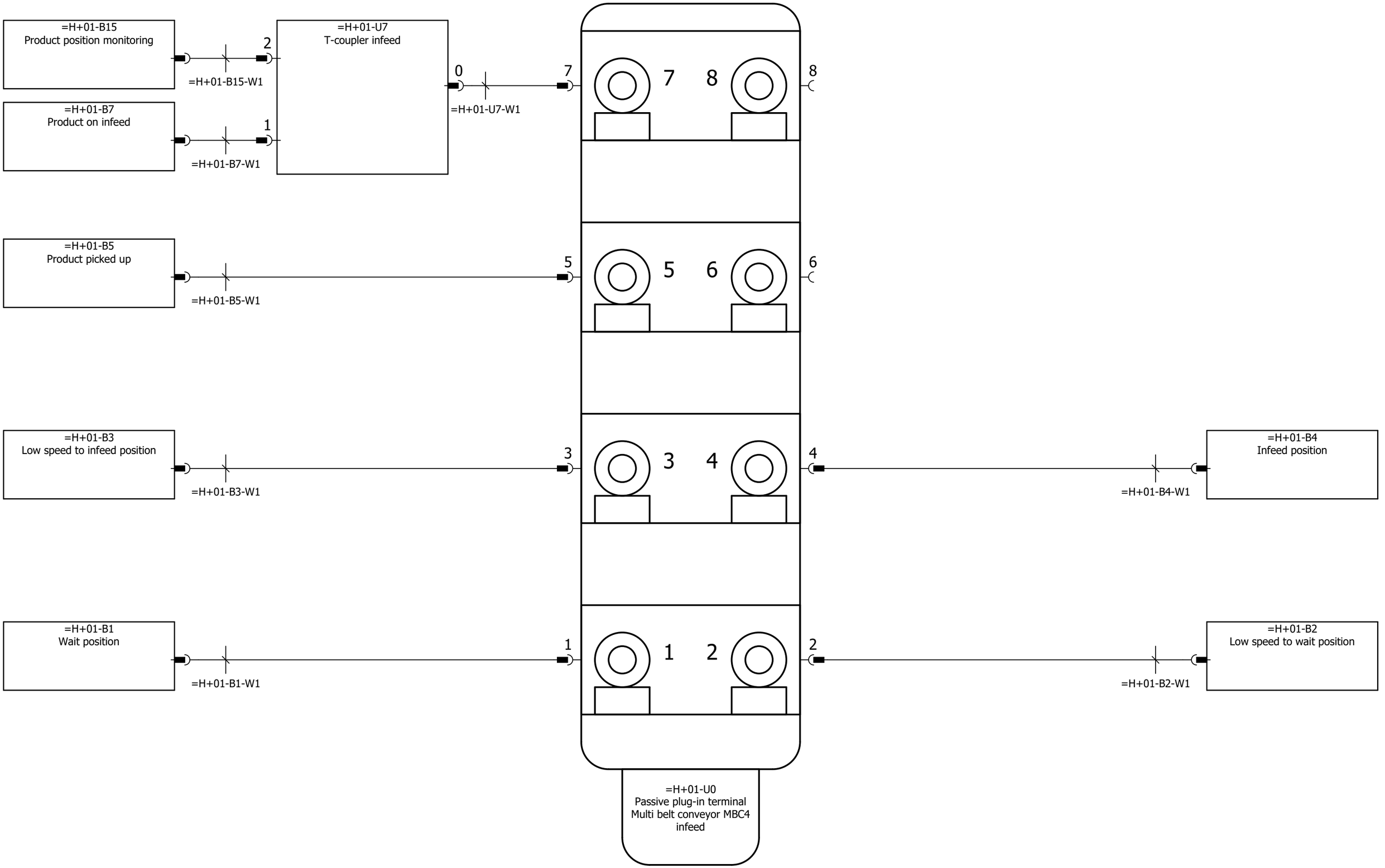
=H+02-M1	Gearmotor shuttle movement
=H+03-M1	Gearmotor conveyor infeed

=H+01-B1	Wait position
=H+01-B2	Low speed to wait position
=H+01-B3	Low speed to infeed position
=H+01-B4	Infeed position
=H+01-B7	Product on infeed
=H+01-B5	Product picked up
=H+01-B15	Product position monitoring

=H+01-U0	Passive plug-in terminal Multi belt conveyor MBC4 infeed
=H+01-U7	T-coupler infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.



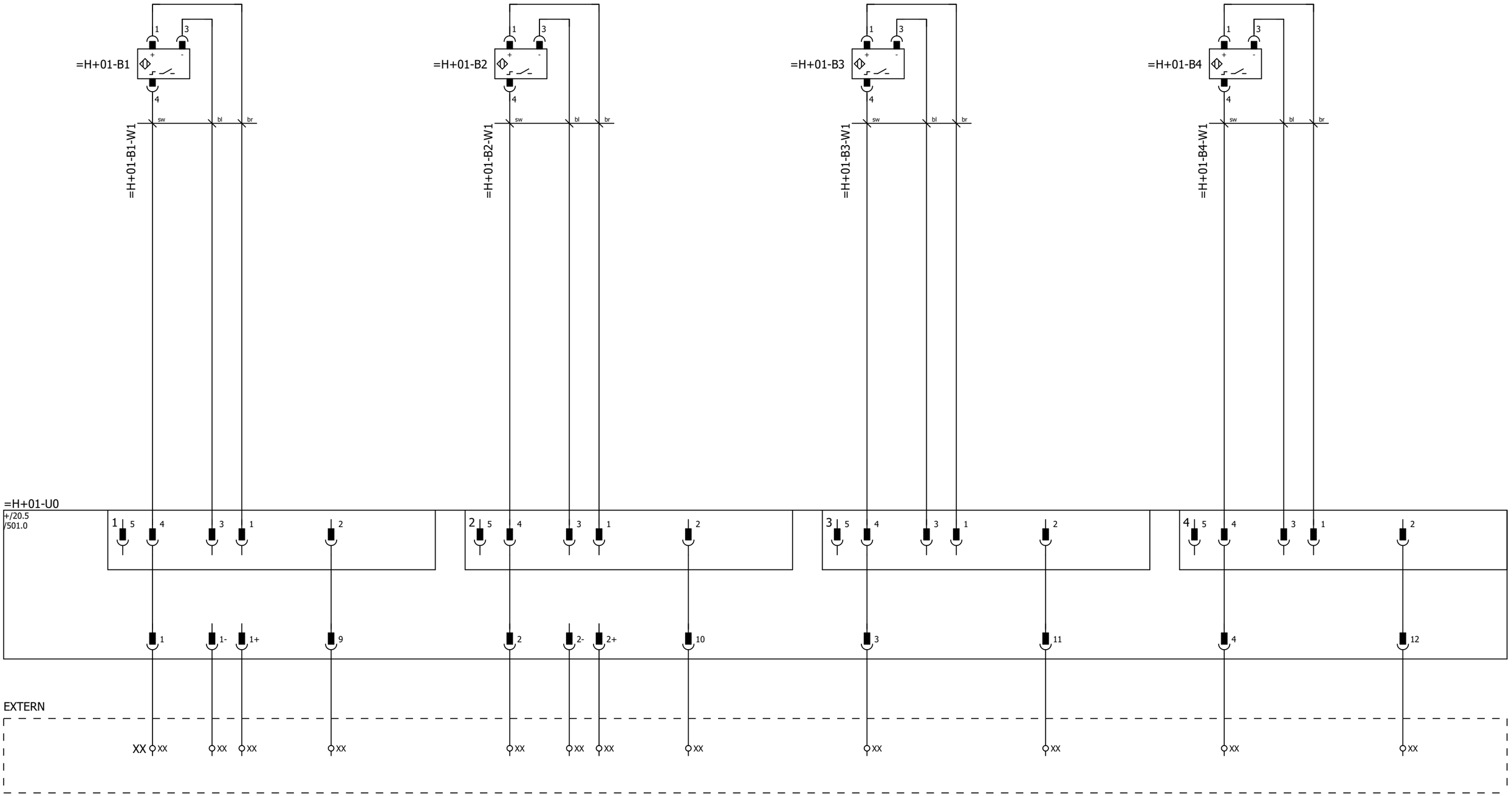
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors Standard	Page description: Overview passive plug-in terminal MBC4 infeed	Mounting group: MBC4 infeed Mounting location:	Ed. DSP Date 19-9-2018 Version v4.2	= H + Page 20

Parts list

Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B1-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B2	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B2-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B3	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B3-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B4	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B4-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B5	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B5-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B7	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B7	1	1002242	Reflector	Sick	C42-2
+01-B7	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B7-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B15	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B15	1	1002242	Reflector	Sick	C42-2
+01-B15	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B15-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U7	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U7-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+02-M1	1		See specification sheet		
+03-M1	1		See specification sheet		

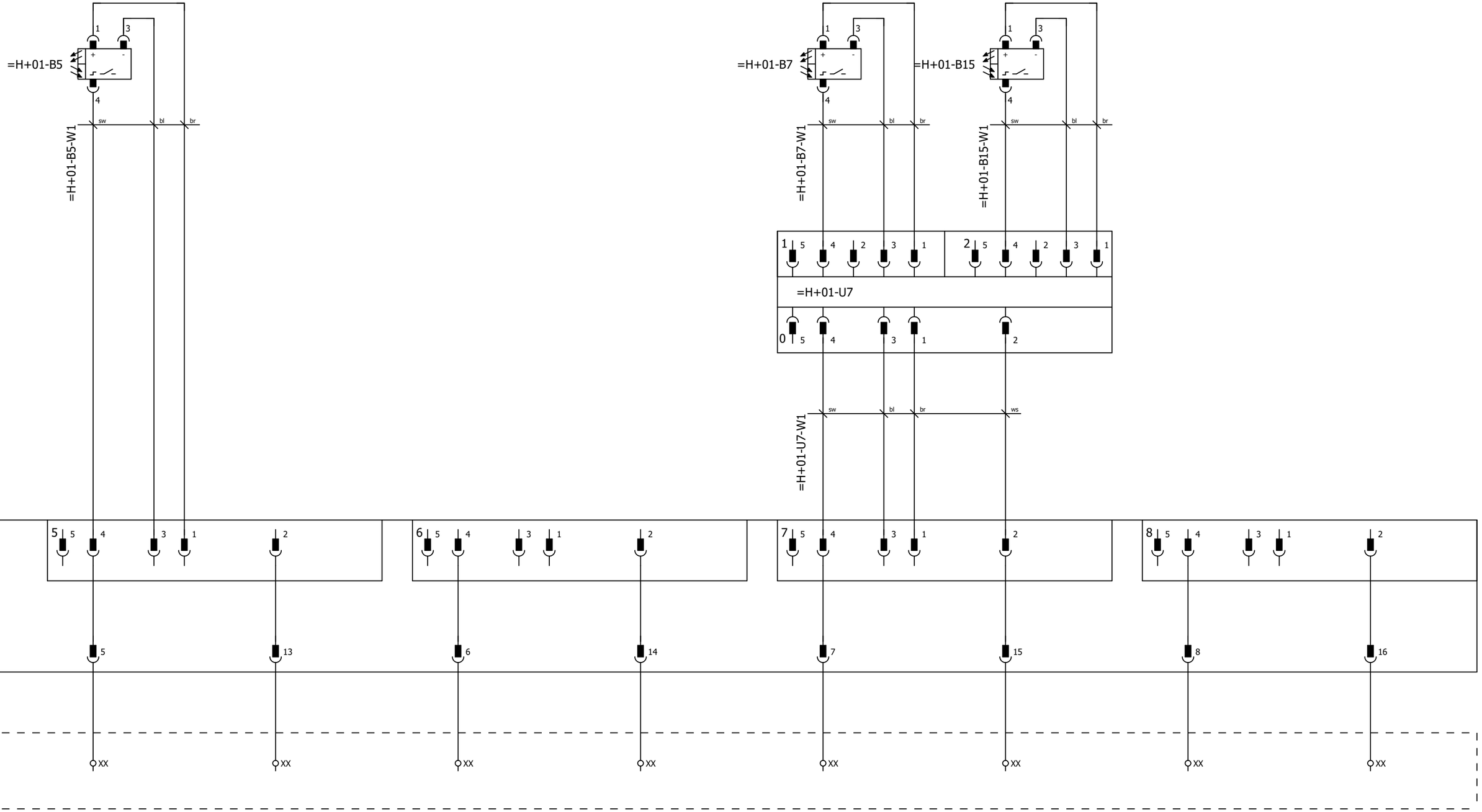
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal Multi belt conveyor MBC4 infeed	Wait position	Spare	Low speed to wait position	Spare	Low speed to infeed position	Spare	Infeed position	Spare	

Qimarox®

Description of the project: PRmk5 (XL) Sorter conveyors — Standard	Page description: Field components	Mounting group: MBC4 infeed	Ed. DSP / Date 19-9-2018 / Version v4.2	= H
		Mounting location: Detection		+ 01
				Page 500



Passive plug-in terminal Multi belt conveyor MBC4 infeed	Product picked up	Spare	Spare	Spare	Product on infeed	Product position monitoring	Spare	Spare

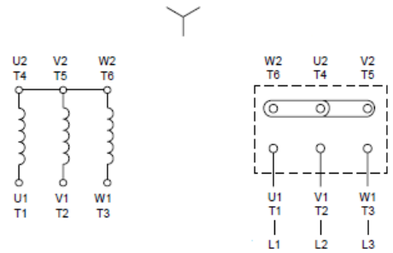
Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors — Standard	Page description: Field components	Mounting group: MBC4 infeed	Ed. DSP / Date 19-9-2018 / Version v4.2	= H
			Mounting location: Detection		+ 01
					Page 501

EXTERN

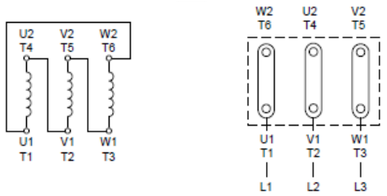
Alternative

XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX

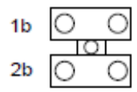
Connection gearmotor star



Connection gearmotor delta



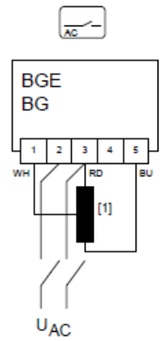
Connection thermistor



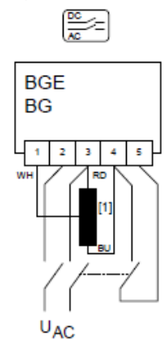
1b	2b
TF/TH/TS	TF/TH/TS

Connection brake
230VAC + 400VAC

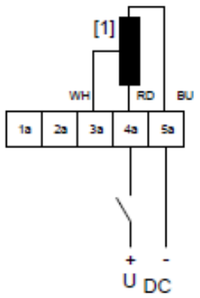
Normal break reaction



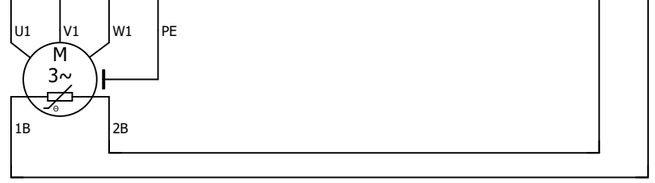
Rapid break reaction



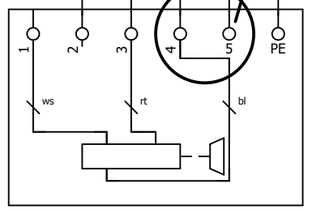
Connection brake
24VDC



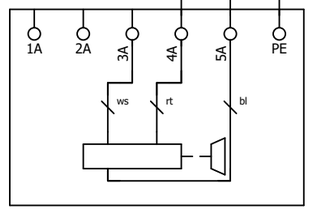
=H+02-M1



Gearmotor +
thermistor



Brake
150...500VAC

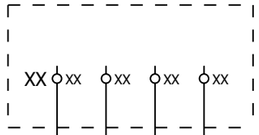


Brake
24VDC

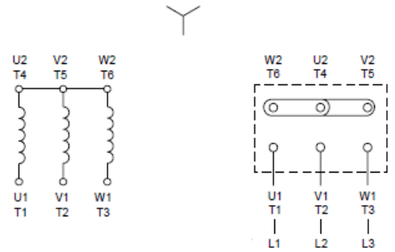
Gearmotor shuttle
movement

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

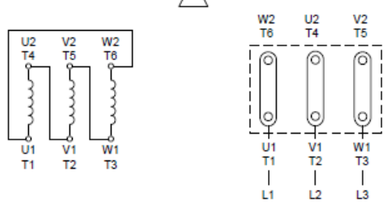
EXTERN



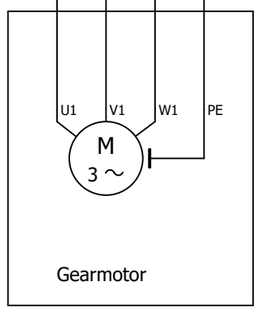
Connection gearmotor star



Connection gearmotor delta



=H+03-M1



Gearmotor conveyor infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: MBC4 outfeed

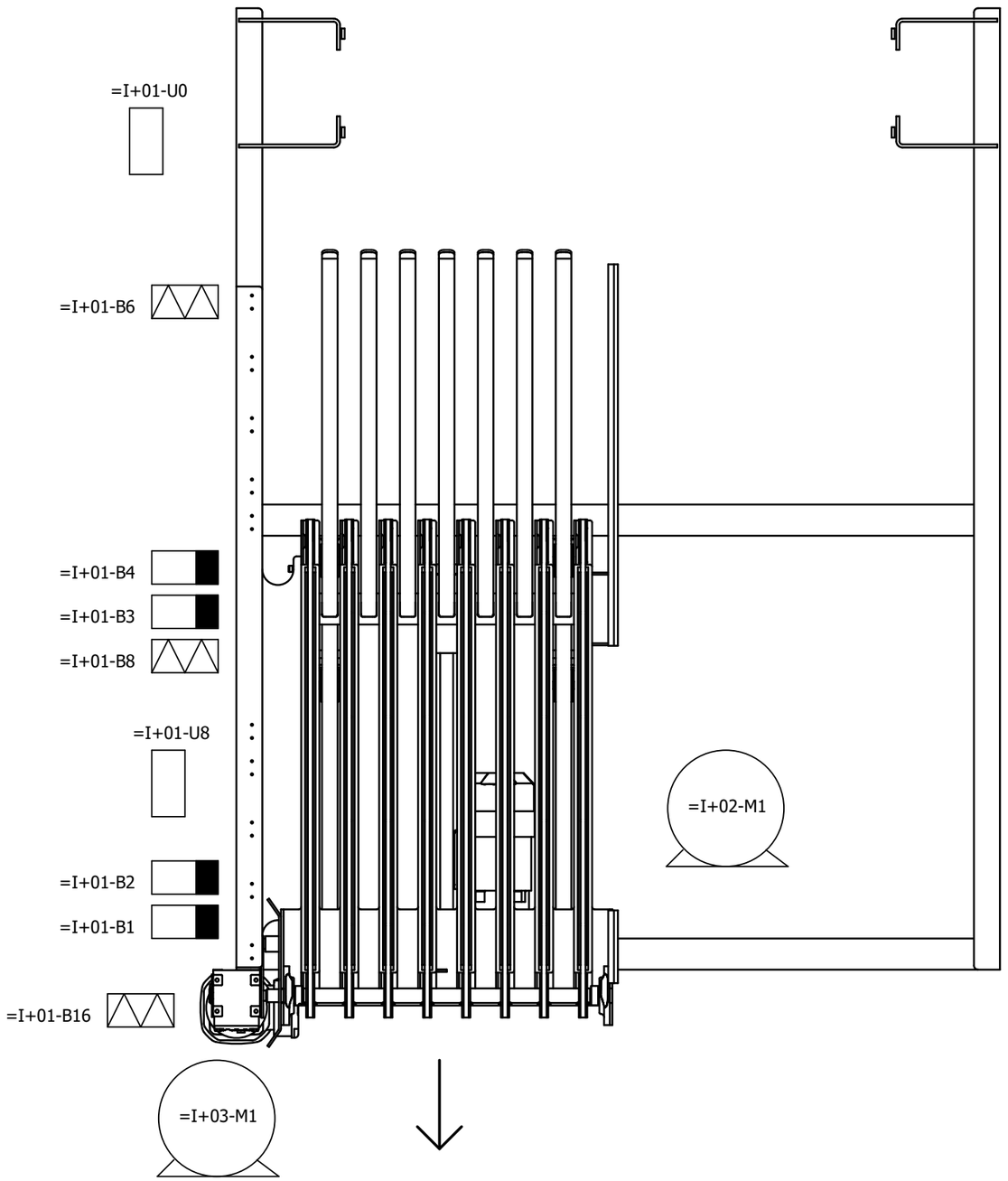
Type: Standard

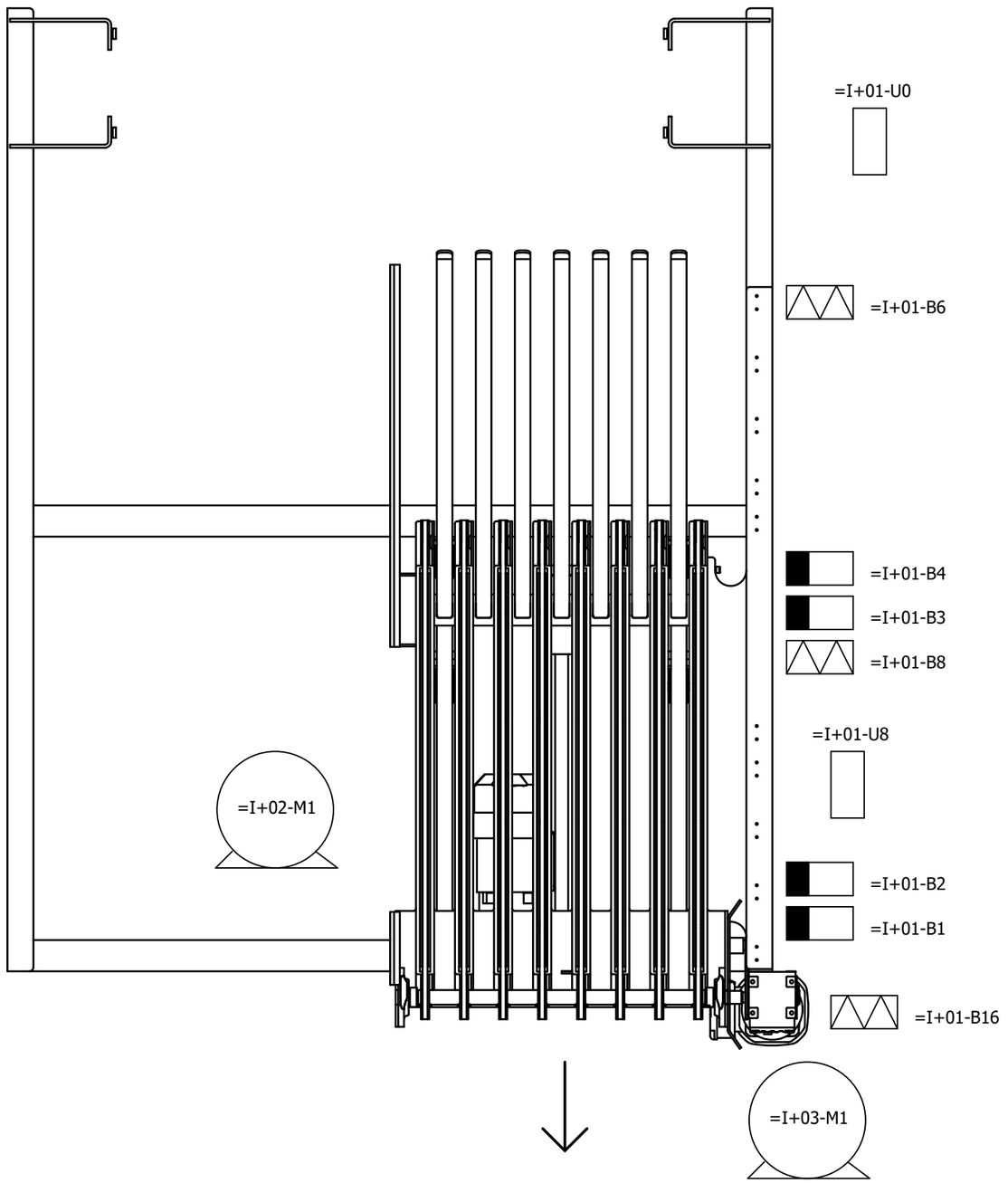
Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=I	MBC4 outfeed			1	Title page
				2	Table of contents
				10	Layout Multi belt conveyor MBC4 outfeed
				20	Overview passive plug-in terminal MBC4 outfeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+02	Drive shuttle	150	Gearmotor, 3 fase
		+03	Drive conveyor	150	Gearmotor, 3 fase





Legend:

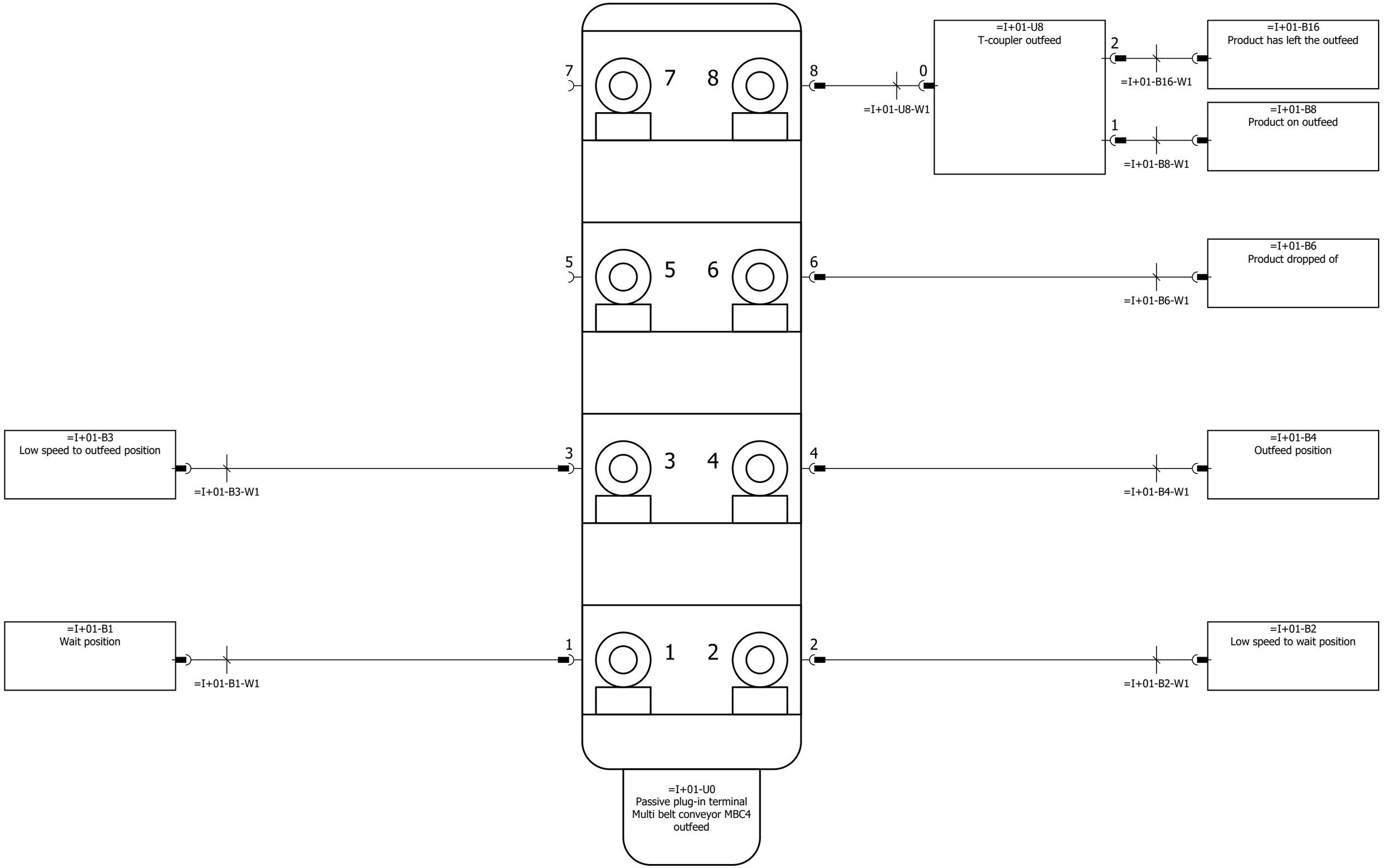
=I+02-M1	Gearmotor shuttle movement
=I+03-M1	Gearmotor conveyor outfeed

=I+01-B1	Wait position
=I+01-B2	Low speed to wait position
=I+01-B3	Low speed to outfeed position
=I+01-B4	Outfeed position
=I+01-B6	Product dropped of
=I+01-B8	Product on outfeed
=I+01-B16	Product has left the outfeed

=I+01-U0	Passive plug-in terminal Multi belt conveyor MBC4 outfeed
=I+01-U8	T-coupler outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.

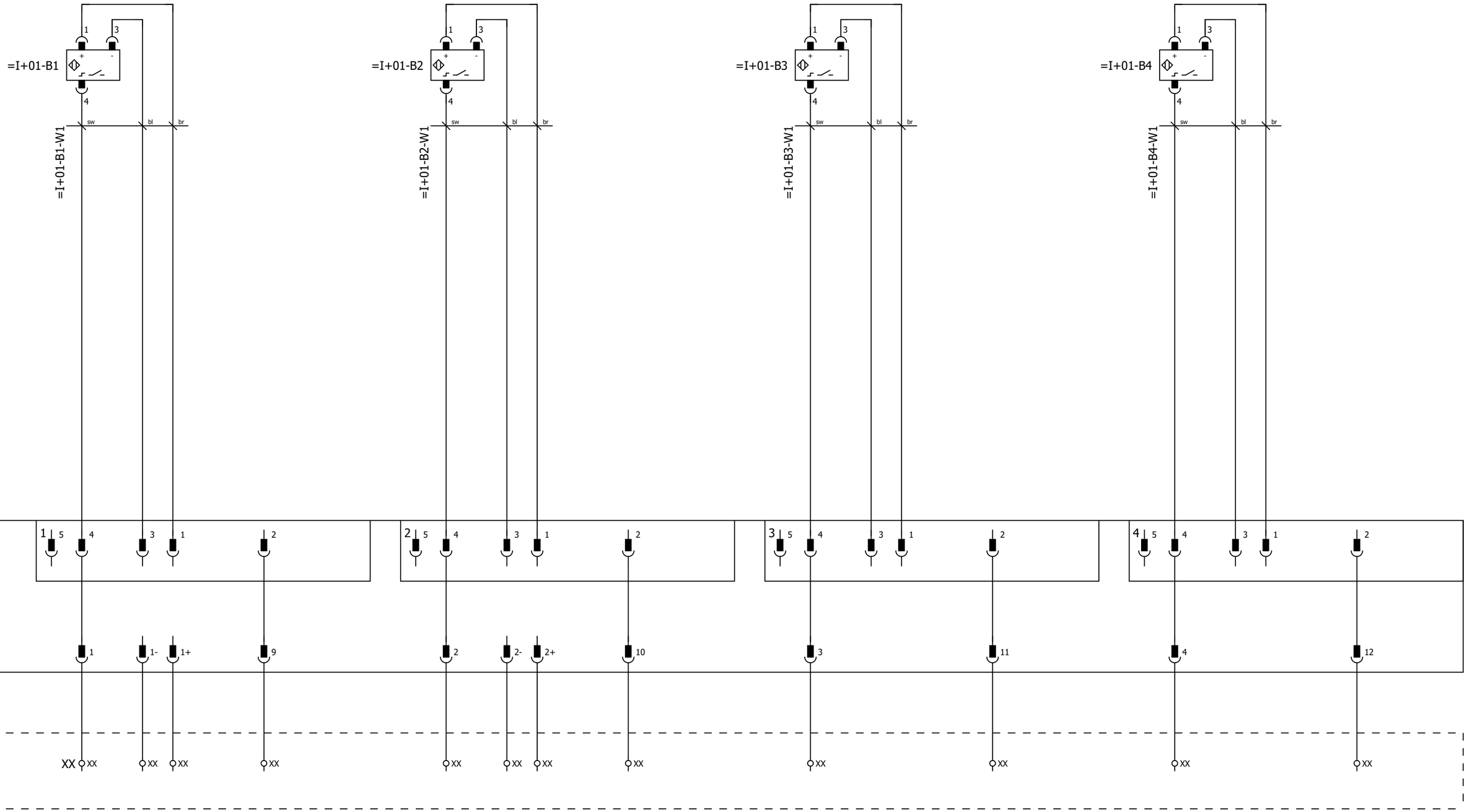


For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Parts list

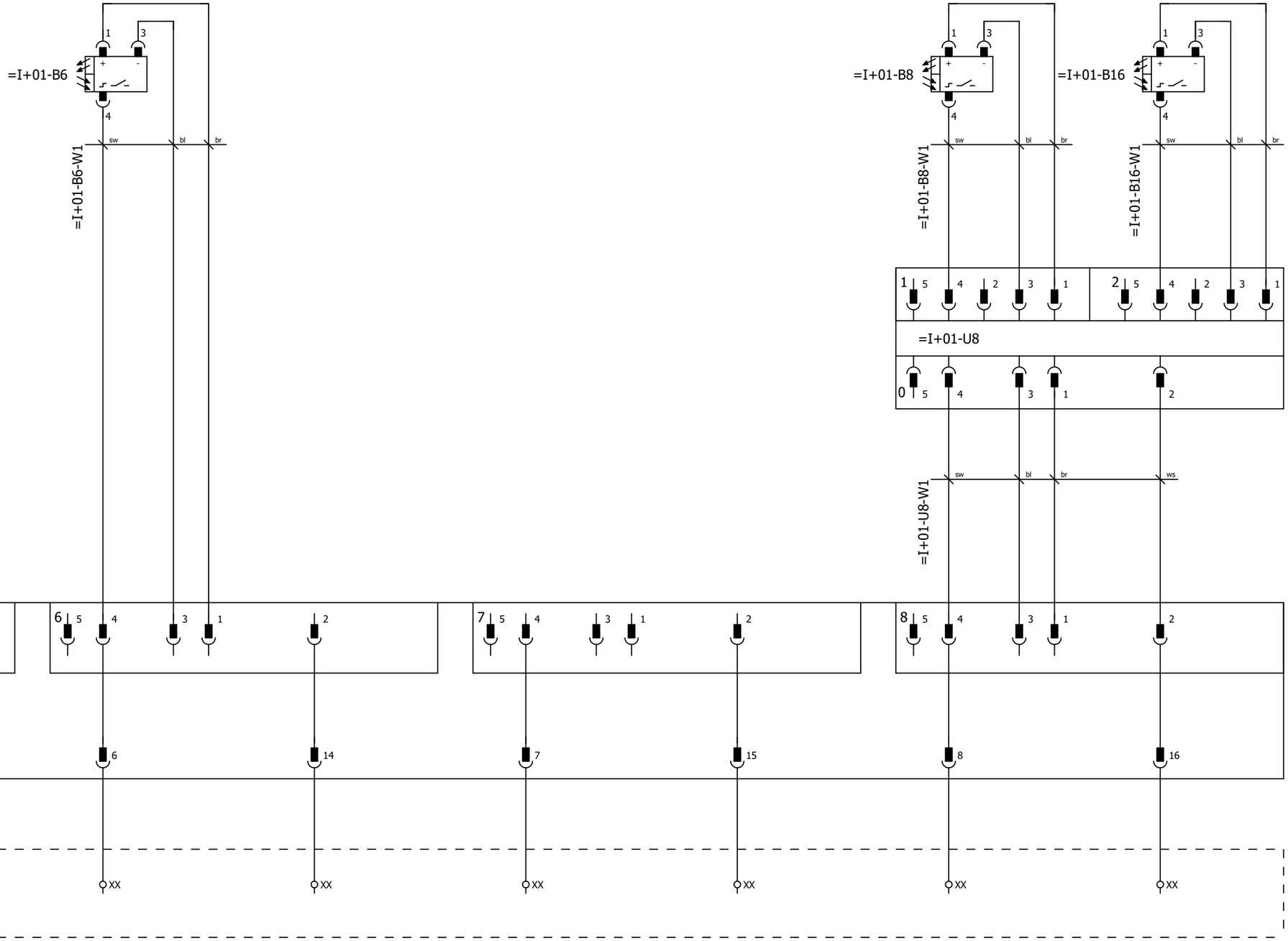
Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B1-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B2	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B2-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B3	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B3-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B4	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B4-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B6	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B6-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B8	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B8	1	1002242	Reflector	Sick	C42-2
+01-B8	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B8-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B16	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B16	1	1002242	Reflector	Sick	C42-2
+01-B16	1	1003365	Proximity sensor	Sick	GTB6-P4211
+01-B16-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U8	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U8-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+02-M1	1		See specification sheet		
+03-M1	1		See specification sheet		

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

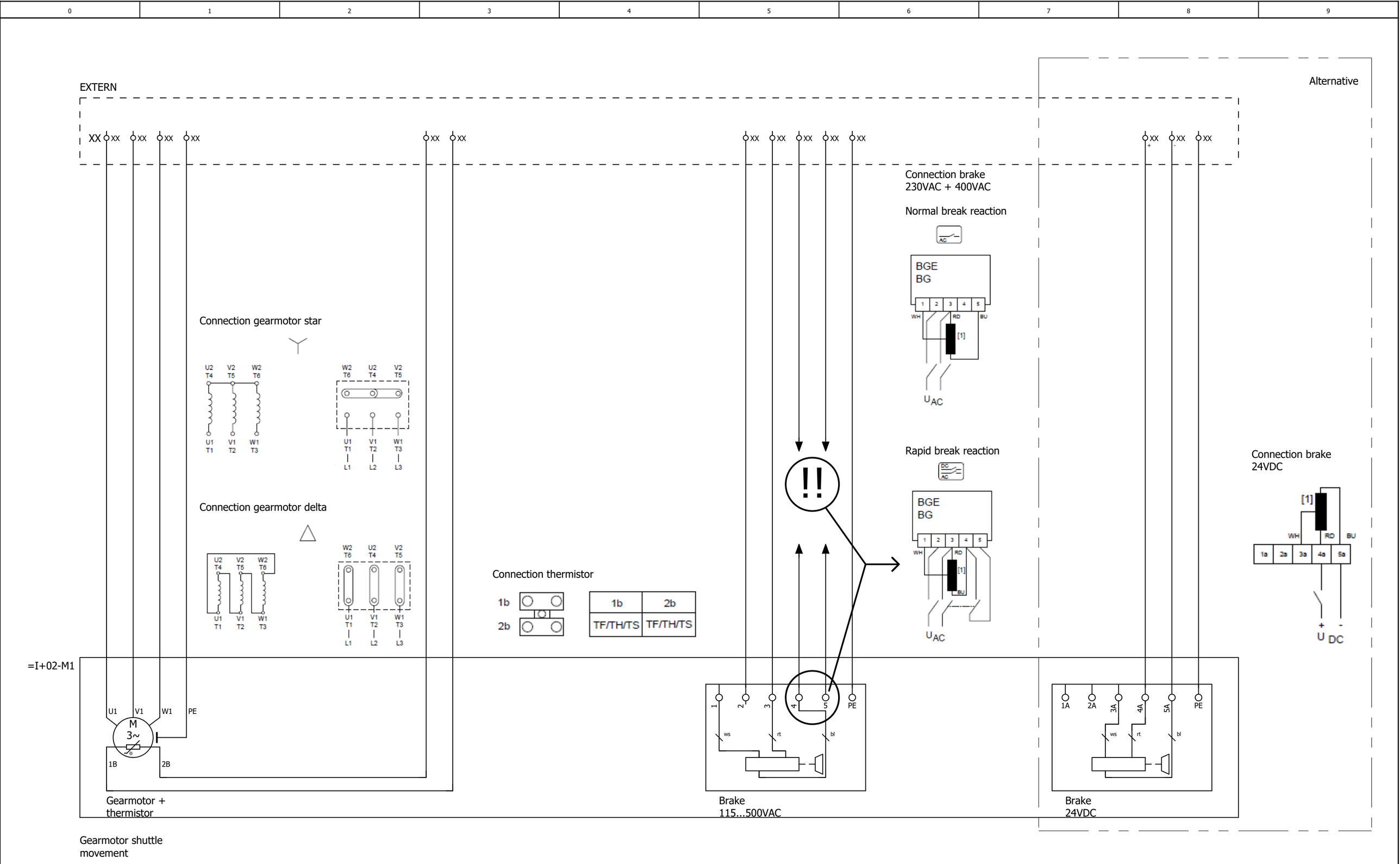


Passive plug-in terminal Multi belt conveyor MBC4 outfeed	**Wait position**	Spare	Low speed to wait position	Spare	Low speed to outfeed position	Spare	Outfeed position	Spare	

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



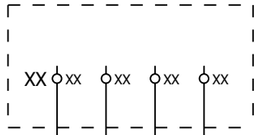
Passive plug-in terminal Multi belt conveyor MBC4 outfeed	Spare	Spare	Product dropped of	Spare	Spare	Spare	Product on outfeed	Product has left the outfeed



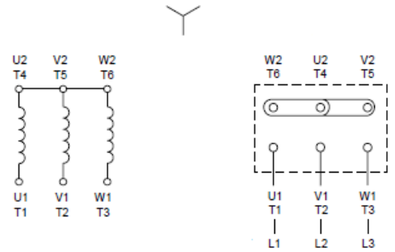
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors, Standard	Page description: Gearmotor, 3 fase	Mounting group: MBC4 outfeed	Ed. DSP	=	I
			Mounting location: Drive shuttle	Date 3-12-2018	+	02
				Version v4.2	Page	150

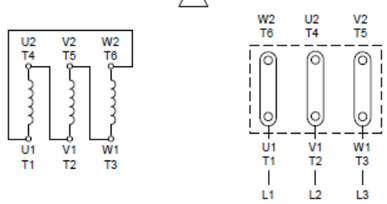
EXTERN



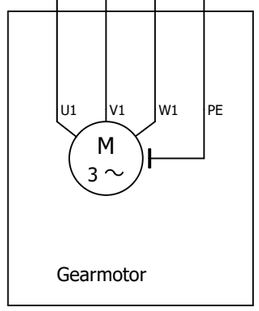
Connection gearmotor star



Connection gearmotor delta



=I+03-M1



Gearmotor conveyor outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: BDC4 infeed

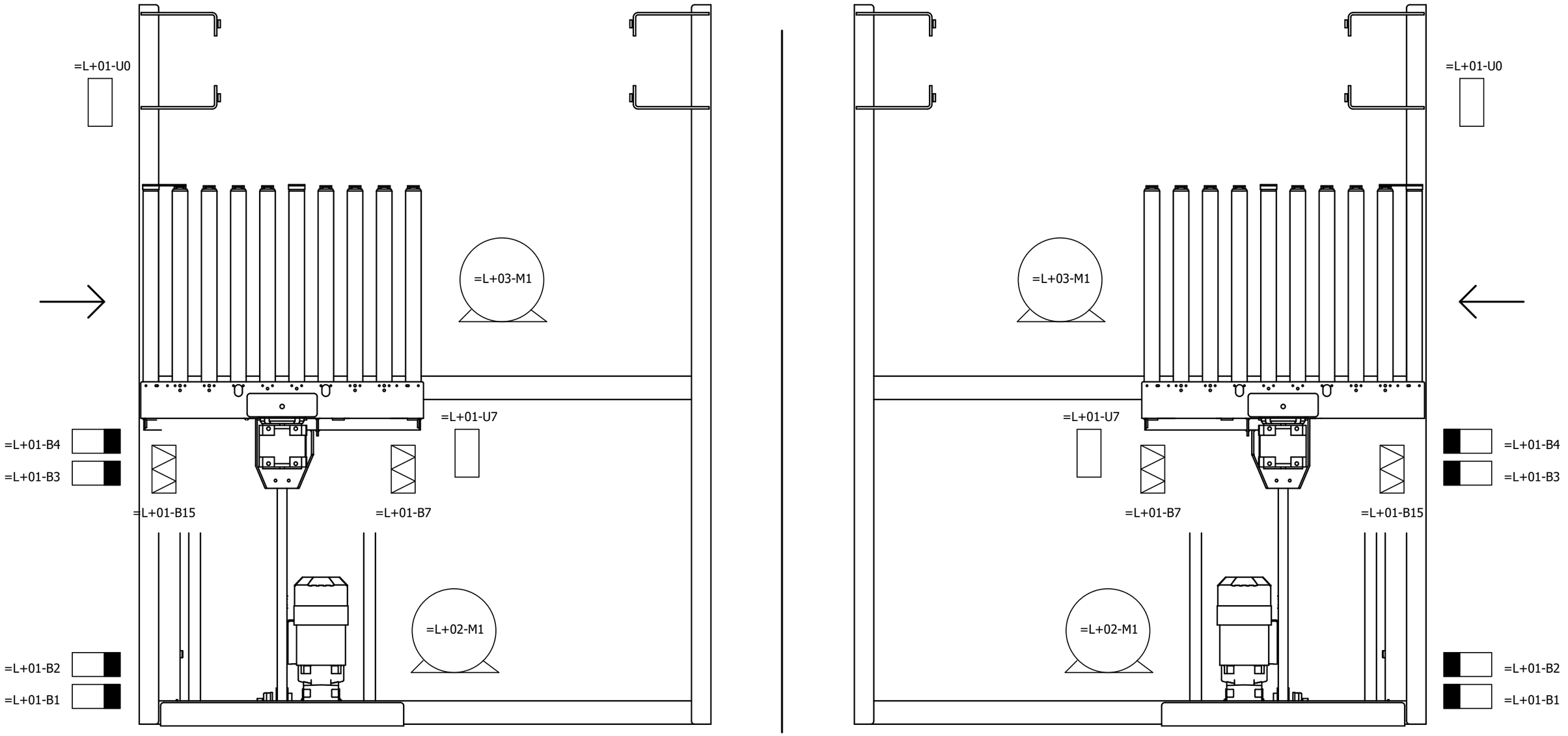
Type: Standard

Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=L	BDC4 infeed			1	Title page
				2	Table of contents
				10	Layout Belt driven conveyor BDC4 infeed
				20	Overview passive plug-in terminal BDC4 infeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+02	Drive shuttle	150	Gearmotor, 3 fase
		+03	Drive conveyor	150	Gearmotor, 3 fase

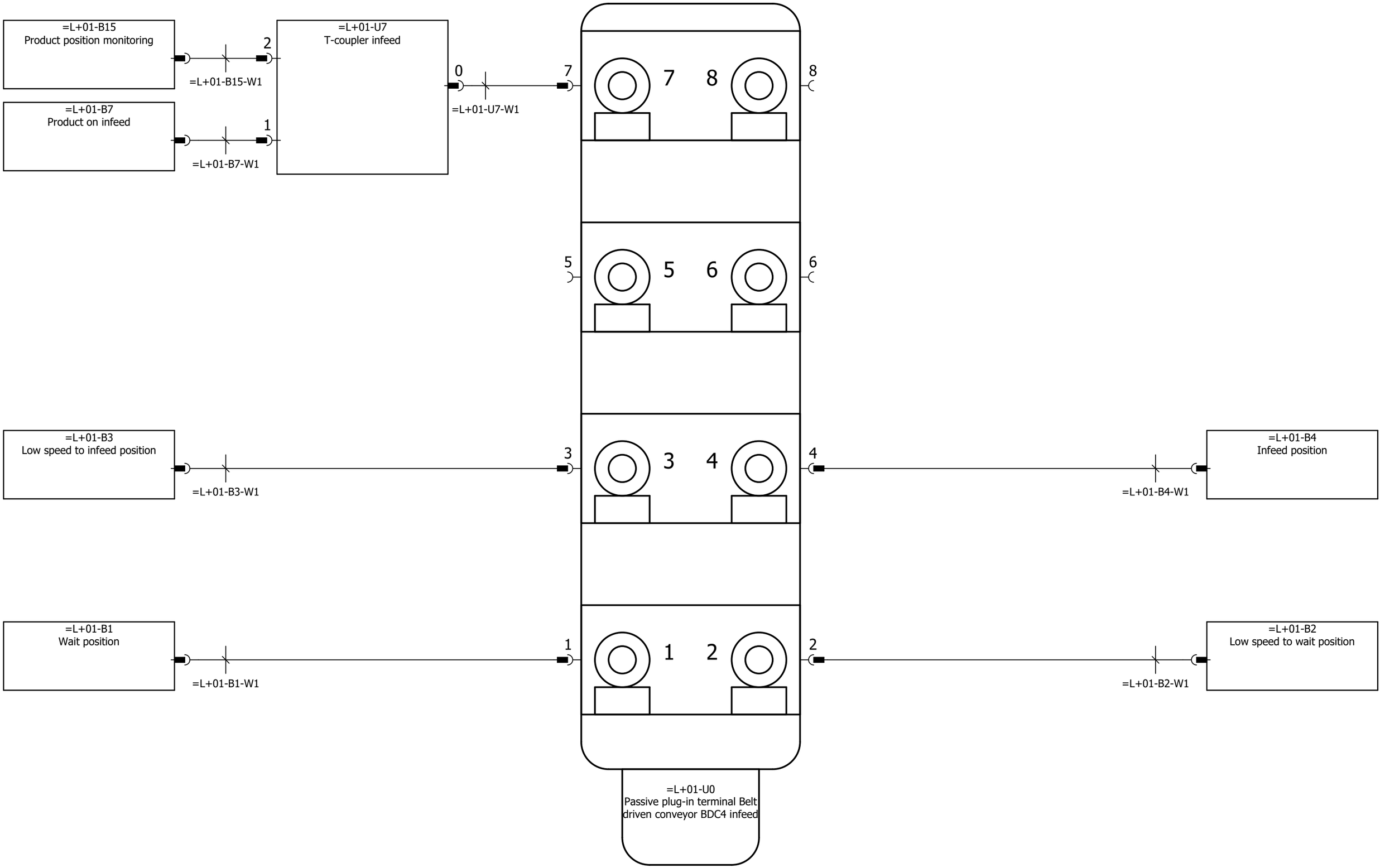


Legend:

=L+02-M1	Gearmotor shuttle movement
=L+03-M1	Gearmotor conveyor infeed
=L+01-B1	Wait position
=L+01-B2	Low speed to wait position
=L+01-B3	Low speed to infeed position
=L+01-B4	Infeed position
=L+01-B7	Product on infeed
=L+01-B15	Product position monitoring
=L+01-U0	Passive plug-in terminal Belt driven conveyor BDC4 infeed
=L+01-U7	T-coupler infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.



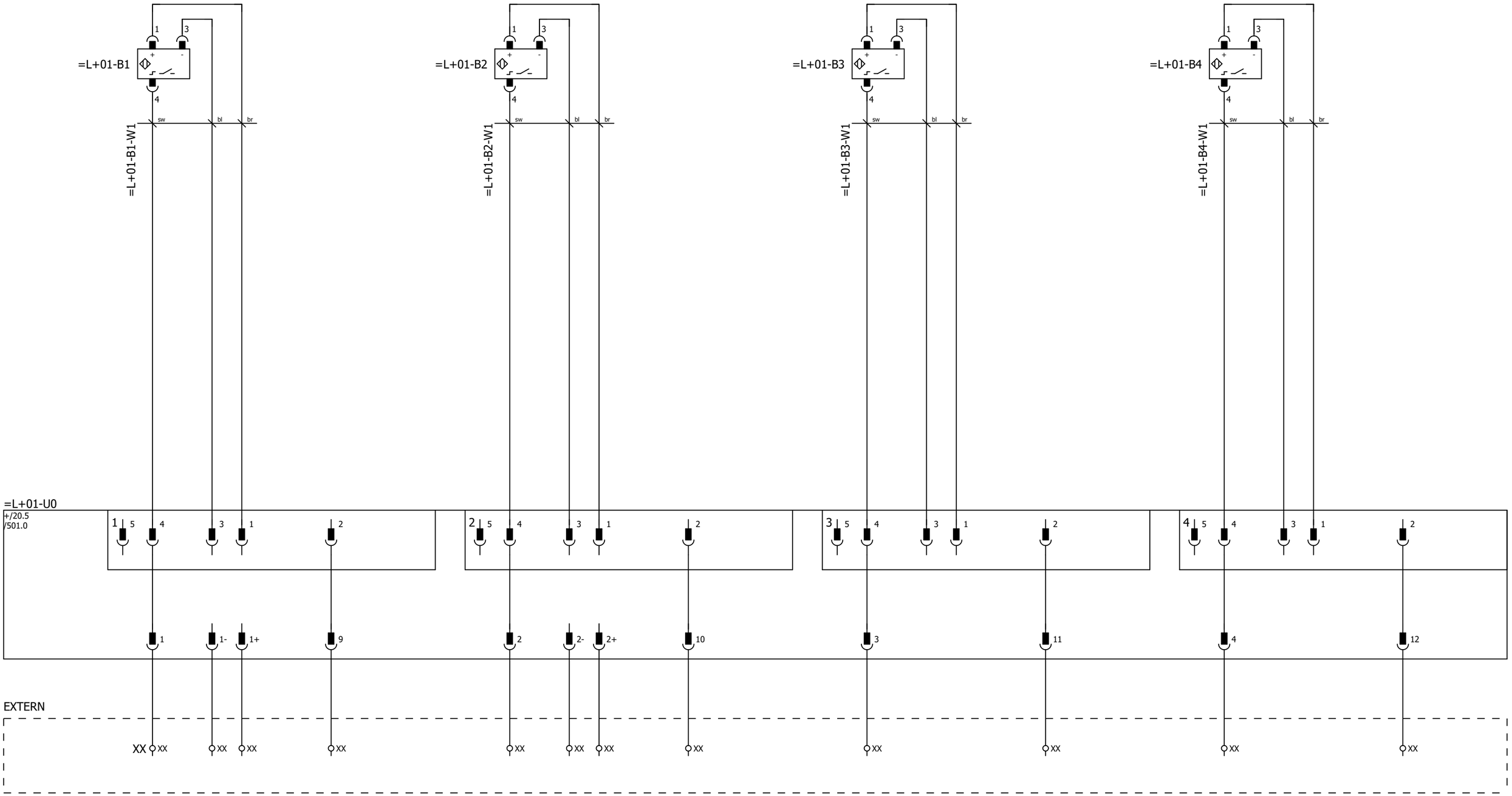
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors Standard	Page description: Overview passive plug-in terminal BDC4 infeed	Mounting group: BDC4 infeed Mounting location:	Ed. DSP Date 19-6-2018 Version v4.2	= L + Page 20

Parts list

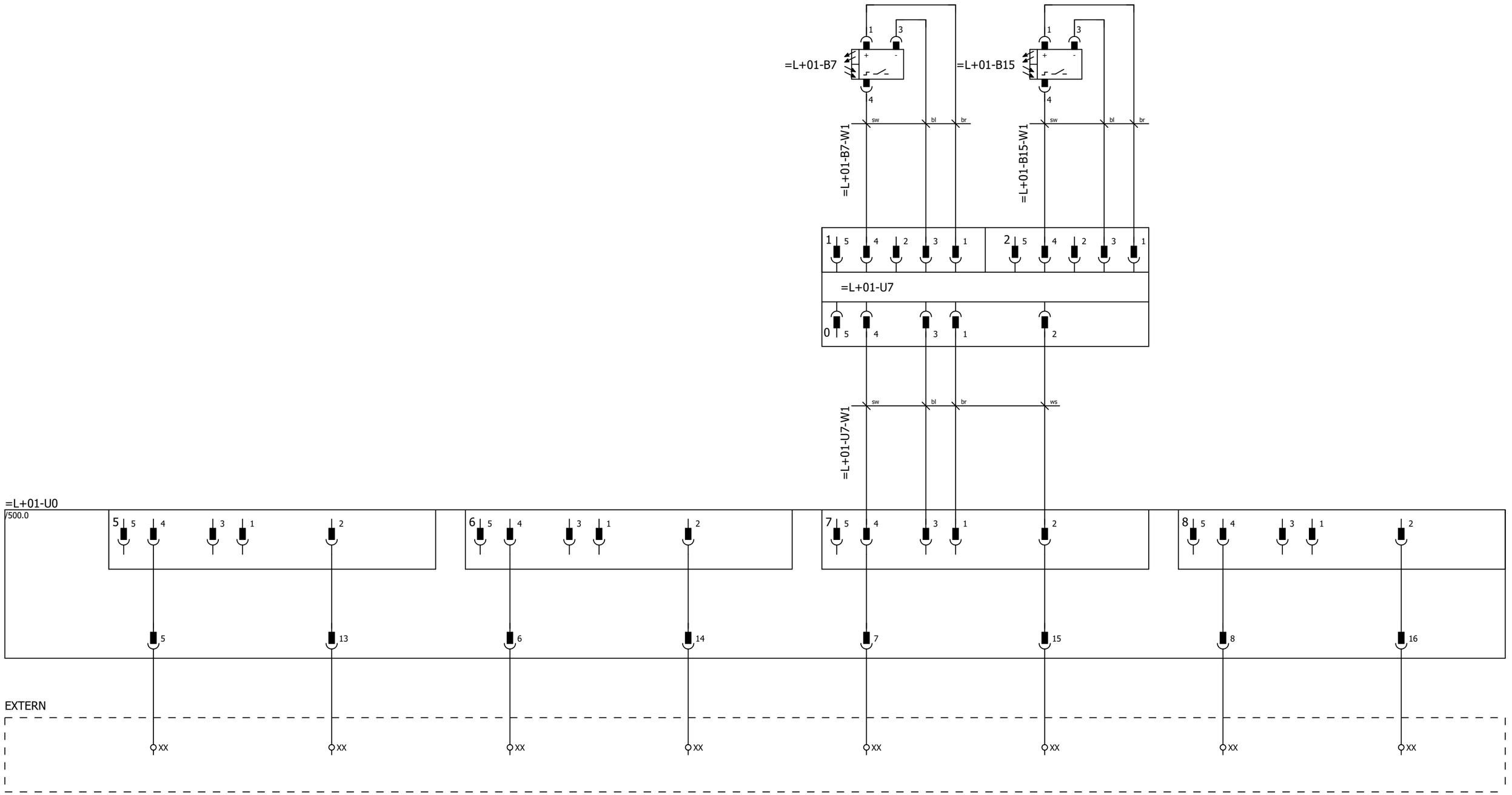
Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B1-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B2	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B2-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B3	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B3-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B4	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B4-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B7	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B7	1	1002242	Reflector	Sick	C42-2
+01-B7-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B15	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B15	1	1002242	Reflector	Sick	C42-2
+01-B15-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U7	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U7-W1	1	1003282	Prefab cable, PUR, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PUR-OB 4x0,34mm2
+02-M1	1		See specification sheet		
+03-M1	1		See specification sheet		

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal Belt driven conveyor BDC4 infeed	Wait position	Spare	Low speed to wait position	Spare	Low speed to infeed position	Spare	Infeed position	Spare	

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal Belt driven conveyor BDC4 infeed	Spare	Spare	Spare	Spare	Product on infeed	Product position monitoring	Spare	Spare

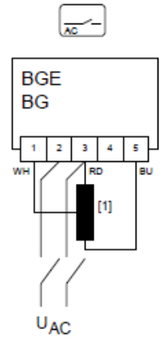
EXTERN

Alternative

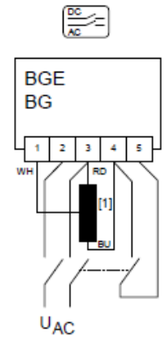
XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX

Connection brake
230VAC + 400VAC

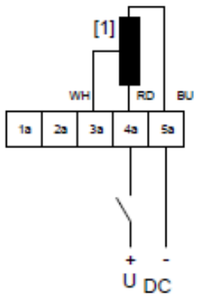
Normal break reaction



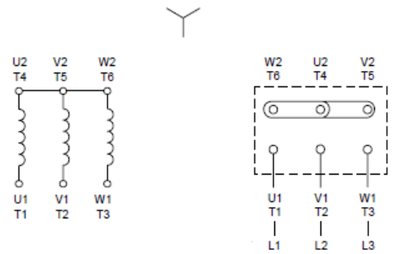
Rapid break reaction



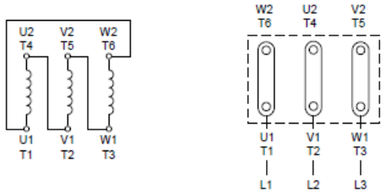
Connection brake
24VDC



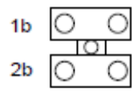
Connection gearmotor star



Connection gearmotor delta

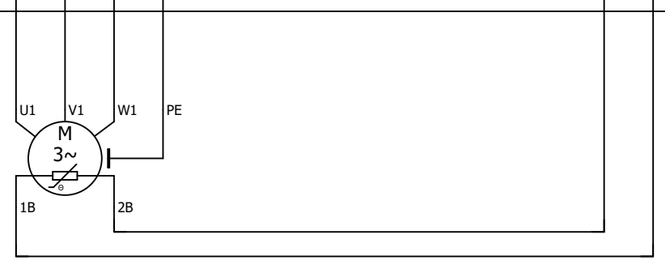


Connection thermistor

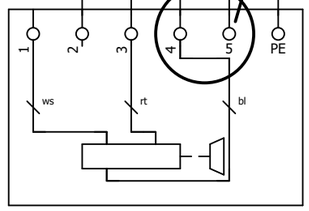


1b	2b
TF/TH/TS	TF/TH/TS

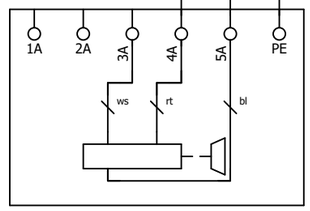
=L+02-M1



Gearmotor +
thermistor



Brake
150...500VAC



Brake
24VDC

Gearmotor shuttle
movement

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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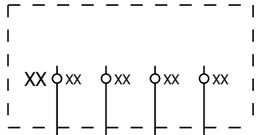
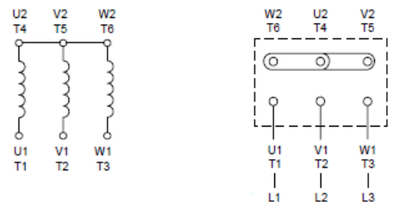
Description of the project	PRmk5 (XL) Sorter conveyors Standard	Page description	Gearmotor, 3 fase	Mounting group	BDC4 infeed
				Mounting location	Drive shuttle

Ed.	DSP	=	L
Date	3-12-2018	+	02
Version	v4.2	Page	150

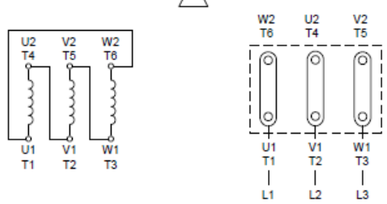
EXTERN



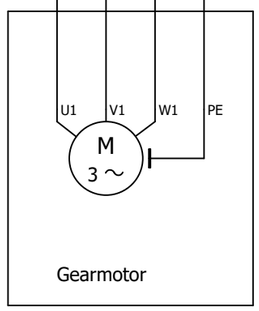
Connection gearmotor star



Connection gearmotor delta



=L+03-M1



Gearmotor conveyor infeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

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Document name: Electrical drawings PRmk5 (XL) Sorter conveyors v4.2

Mounting group: BDC4 outfeed

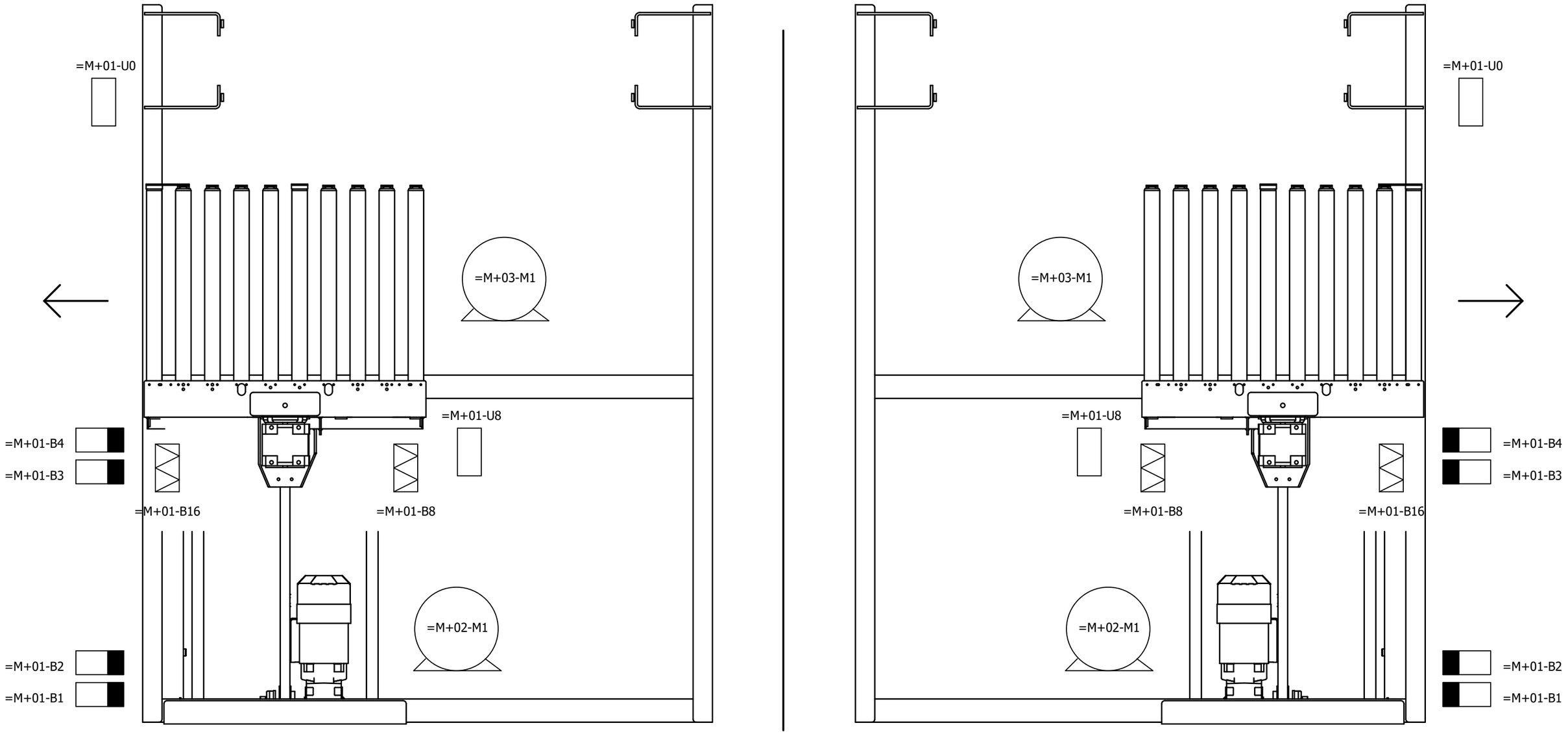
Type: Standard

Power supply: See specification sheet
Control voltage: 24VDC
According to: NEN-EN-IEC 60204-1: 2006

Version number: v4.2

Table of contents

Mounting group		Mounting location		Page	Page description
=M	BDC4 outfeed			1	Title page
				2	Table of contents
				10	Layout Belt driven conveyor BDC4 outfeed
				20	Overview passive plug-in terminal BDC4 outfeed
				2000	Parts list
		+01	Detection	500	Field components
		+01	Detection	501	Field components
		+02	Drive shuttle	150	Gearmotor, 3 fase
		+03	Drive conveyor	150	Gearmotor, 3 fase

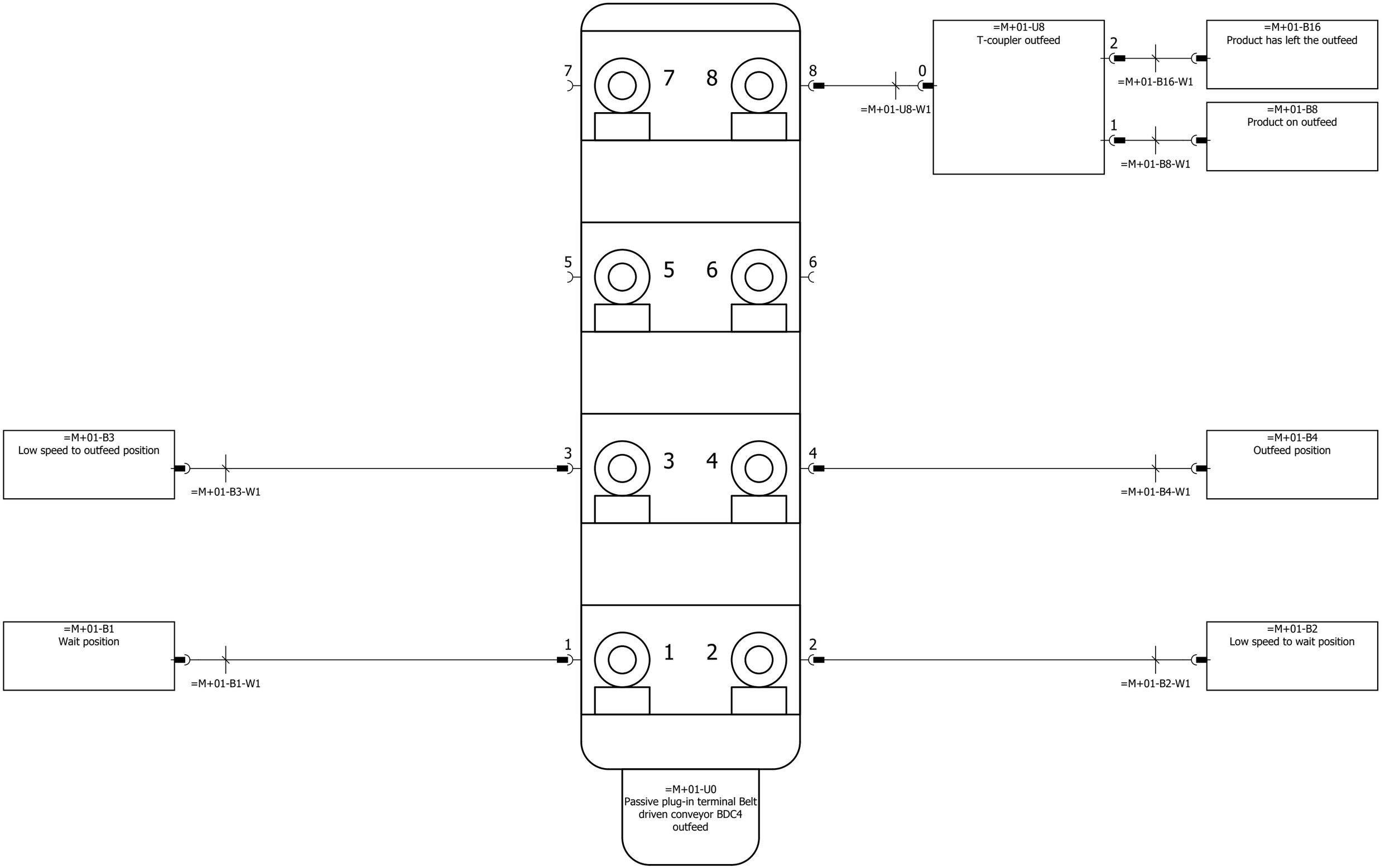


Legend:

=M+02-M1	Gearmotor shuttle movement
=M+03-M1	Gearmotor moveable outfeed conveyor
=M+01-B1	Wait position
=M+01-B2	Low speed to wait position
=M+01-B3	Low speed to outfeed position
=M+01-B4	Outfeed position
=M+01-B8	Product on outfeed
=M+01-B16	Product has left the outfeed
=M+01-U0	Passive plug-in terminal Belt driven conveyor BDC4 outfeed
=M+01-U8	T-coupler outfeed

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Image may differ from reality.

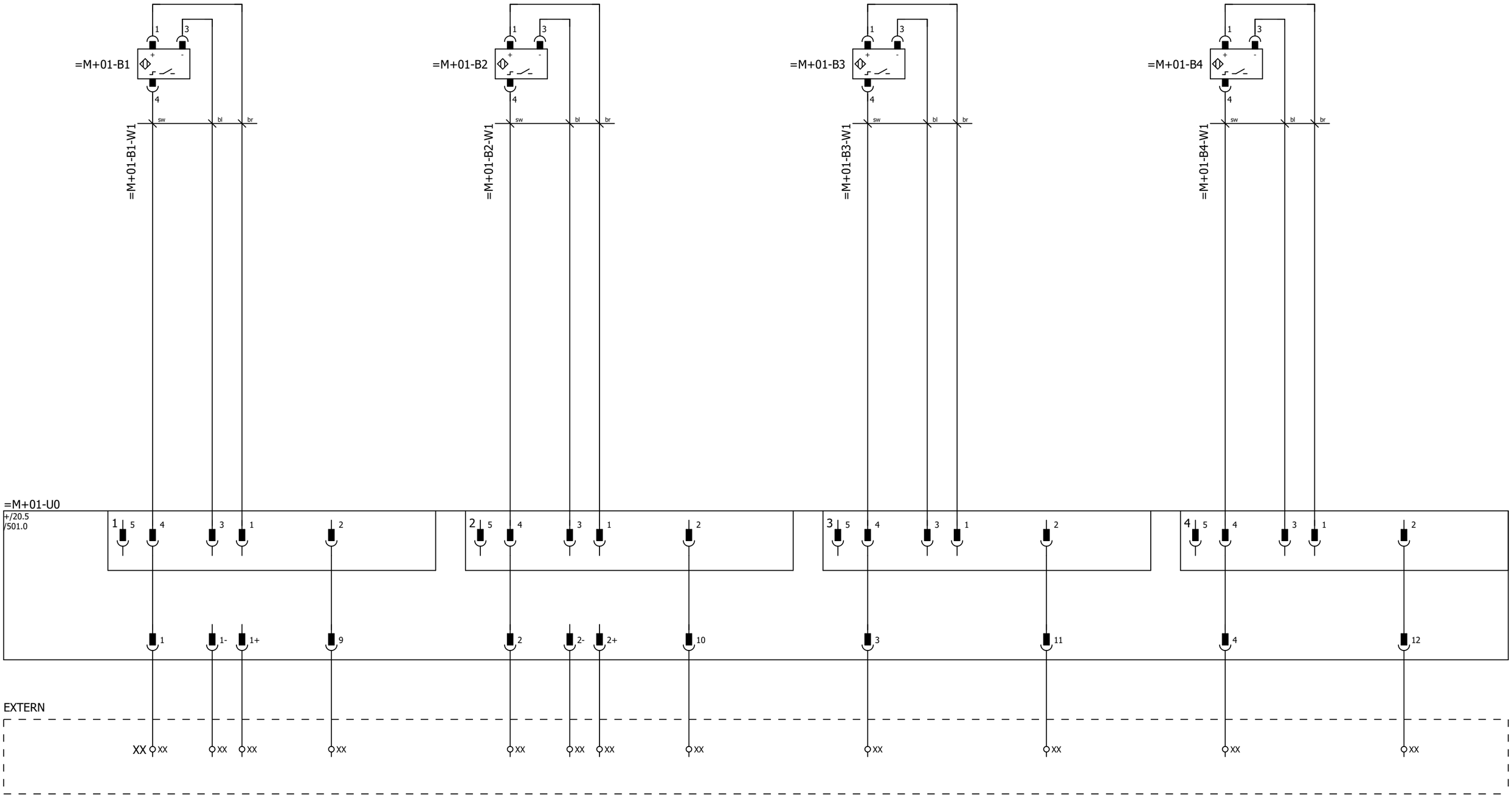


For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Parts list

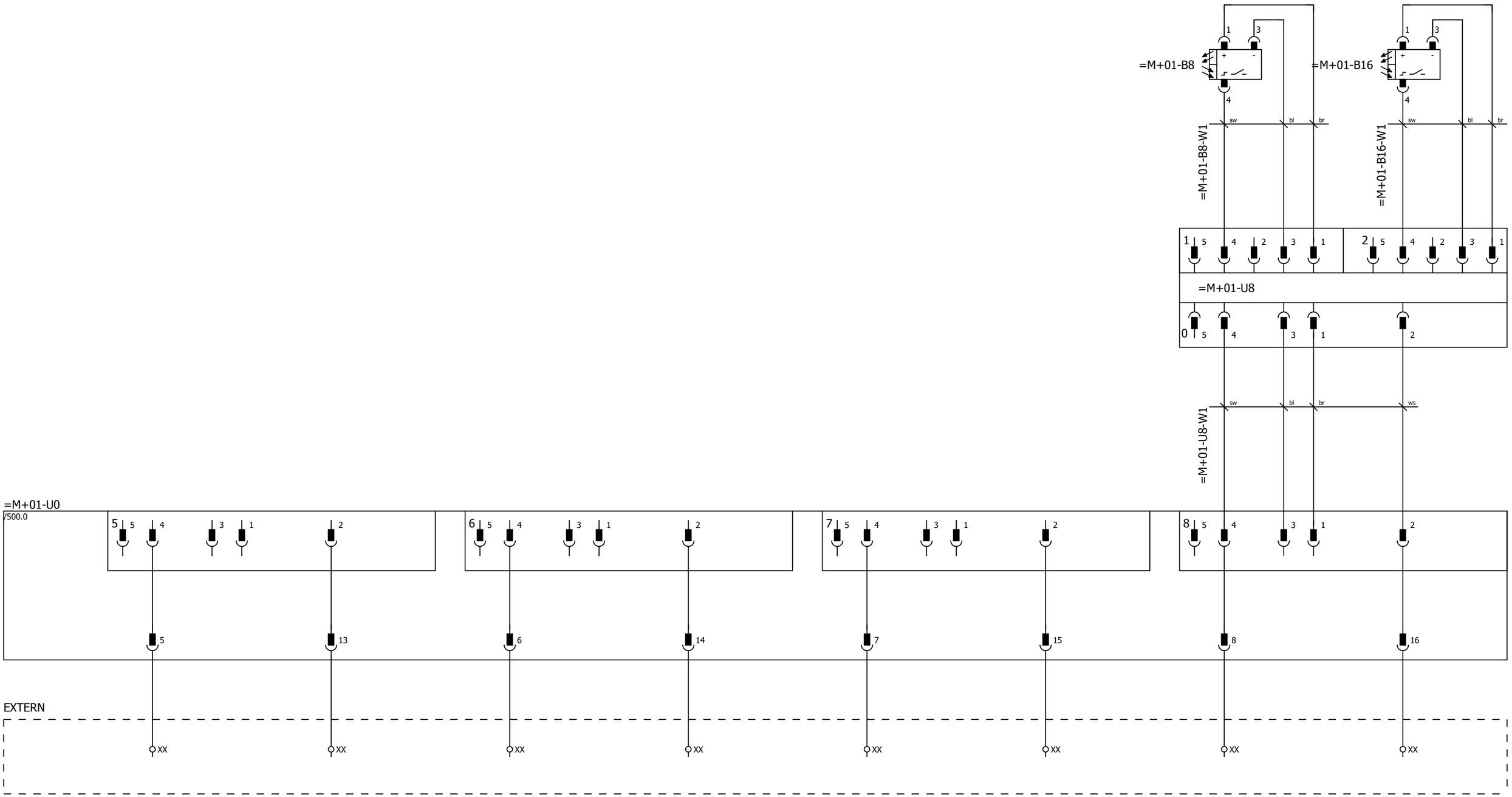
Position	Quantity	Article number	Description	Manufacturer	Type number
+01-B1	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B1-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B2	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B2-W1	1	1001528	Prefab cable, PVC, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B3	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B3-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B4	1	1000932	Inductive proximity sensor	Sick	IME18-08BPSZC0K
+01-B4-W1	1	1001601	Prefab cable, PVC, 1 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PVC-OB 4x0,34mm2
+01-B8	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B8	1	1002242	Reflector	Sick	C42-2
+01-B8-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-B16	1	1005663	Reflex sensor	Sick	GL6-P4211
+01-B16	1	1002242	Reflector	Sick	C42-2
+01-B16-W1	1	1003307	Prefab cable, PVC, 1 meter, connector M12 male + female M8, 4-pole	Murrelektronic	PVC-OB 4x0,25mm2
+01-U0	1	1003309	Passive plug-in terminal, 8-fold, 5-pole, M12	Murrelektronic	Exact12 8xM12 5-p
+01-U8	1	1003313	T-Coupler 5p Male M12 / 2x 4p Female M12	Murrelektronic	T-Coupler5p Male M12 / 2x 4p Female M12
+01-U8-W1	1	1003282	Prefab cable, PUR, 2 meter, connector M12 male 90°+ M12 female 90°, 4-pole	Murrelektronic	PUR-OB 4x0,34mm2
+02-M1	1		See specification sheet		
+03-M1	1		See specification sheet		

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



Passive plug-in terminal Belt driven conveyor BDC4 outfeed	**Wait position**	Spare	Low speed to wait position	Spare	Low speed to outfeed position	Spare	Outfeed position	Spare	

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.



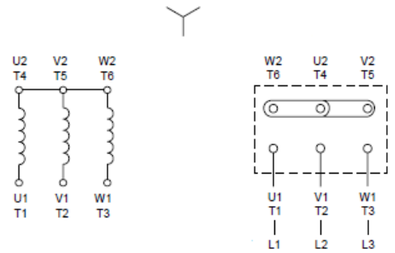
Passive plug-in terminal Belt driven conveyor BDC4 outfeed	Spare	Spare	Spare	Spare	Spare	Spare	Product on outfeed	Product has left the outfeed

EXTERN

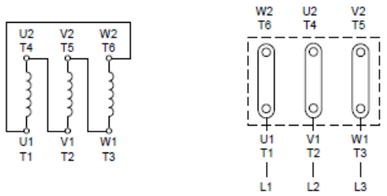
Alternative

XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX

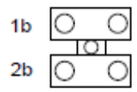
Connection gearmotor star



Connection gearmotor delta



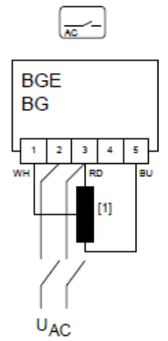
Connection thermistor



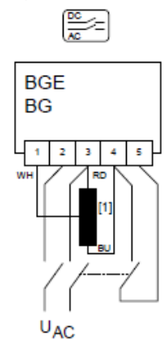
1b	2b
TF/TH/TS	TF/TH/TS

Connection brake
230VAC + 400VAC

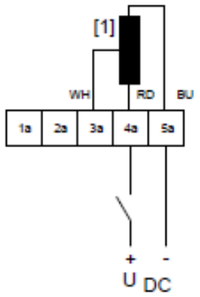
Normal break reaction



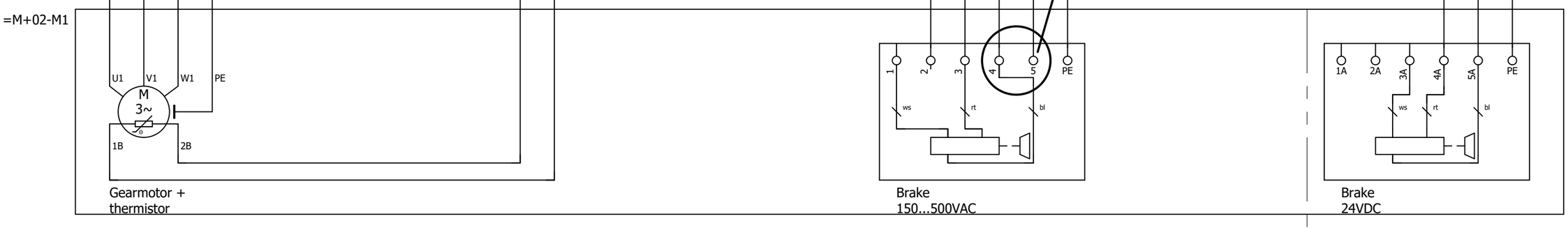
Rapid break reaction



Connection brake
24VDC



=M+02-M1



Gearmotor +
thermistor

Brake
150...500VAC

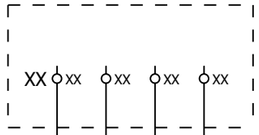
Brake
24VDC

Gearmotor shuttle
movement

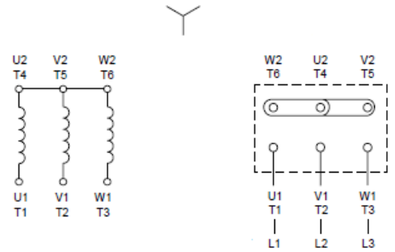
For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.

Qimarox®	Description of the project: PRmk5 (XL) Sorter conveyors, Standard	Page description: Gearmotor, 3 fase	Mounting group: BDC4 outfeed	Ed. / DSP	= M
				Date / 3-12-2018	
			Mounting location: Drive shuttle	Version / v4.2	+ 02
					Page 150

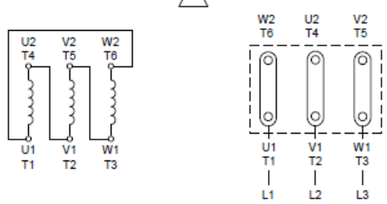
EXTERN



Connection gearmotor star



Connection gearmotor delta



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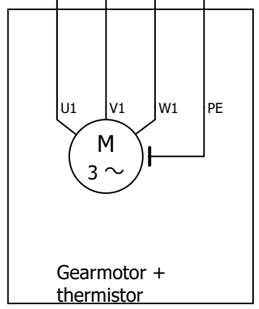

Gearmotor + thermistor

Gearmotor moveable outfeed conveyor

For technical specifications of gearmotor, applied options, machine configuration and other data see specification sheet.