

6LE003353B

Connection single/three-phase
Alimentation mono-/triphasee
Anschluss ein-/dreiphasig

Connection detection of welded
contactor contacts
Bornier pour Détection Contact
collé Contacteur
Anschlussklemmen Erkennung
verklebter Schützkontakte

Connection
electronic power supply
Alimentation
électronique
Anschlussklemmen
Elektronikstromversorgung

Connection detection of welded
contactor contacts
Bornier pour Détection Contact
collé Contacteur
Anschlussklemmen Erkennung
verklebter Schützkontakte

Connection single/three-phase
Alimentation mono-/triphasee
Anschluss ein-/dreiphasig

		Datum 04.05.2023		:hager		6LE003353B		Connection diagram Plan de câblage Anschlussplan		Projekt: XEV6xx		=	
		Bearb. F. Moniot								Projekt Nr.: 6LE003353B		Blatt 1	
		Gepr.								Zeichnung: xev6xx.zng		von 6 Bl.	
Zustand	Änderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.						
1		2		3		4		5		6		7	

optional



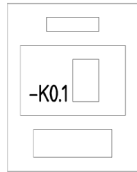
-P3/4
LED display
(-X3/4)



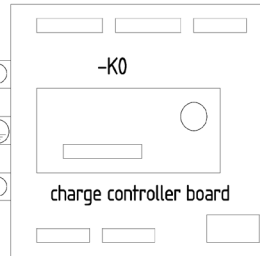
-B0
RFID card reader



-P1/2
LED display
(-X1/2)



-K0.1
welded control (-Q1)

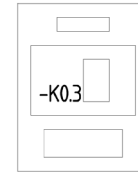


-K0
charge controller board

x2

-K0.2

TCP/IP card
optional



-K0.3
welded control (-Q3)

-X1

Socket
Mode 3
Type 2S

-M1

interlock

-T0

TGA 200
Electronic power supply

-K0.4

modem: optional

-M3

interlock

-X3

Socket
Mode 3
Type 2S

presence
detector

-X2

Socket
Mode 2
Type E/F

-S2

-Q1

ESD440S (three-phase)
ESD240S (single-phase)

Contactor

-Q2

ERD225SDC

Contact

-F2

MJN716
circuit
breaker

-F4

MJN716
circuit
breaker

-Q4

ERD225SDC

Contact

-Q3

ESD440S (three-phase)
ESD240S (single-phase)

Contactor

presence
detector

-S4

Socket
Mode 2
Type E/F

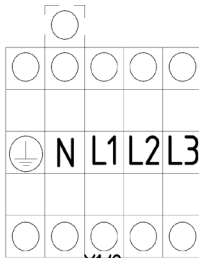
-X4

-B1/2

-Z1/2

meter

optional

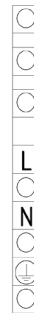


-X1/2

Terminals



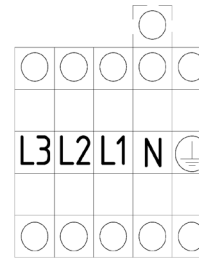
-X0.1



-X0



-X0.3



-X3/4

-B3/4

-Z3/4

meter

optional



6LE003353B

Equipment configuration
Disposition des éléments
Geräteaufbau

Projekt: XEV6xx

Projekt Nr.: 6LE003353B

Zeichnung: xev6xx.zng

Blatt 2

von 6 Bl.

Zustand	Änderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.

Datum 04.05.2023

Bearb. F. Moniot

Gepr.

optional

three-phase only

2x0,75mm²

-B1/2

/6.3

/6.3

KWH

2/L1:in
4/L1:out
6/L2:in
8/L2:out
10/L3:in
12/L3:out
1/N

9/- GN -Z1/2:- /7.12
11/+ WH -Z1/2:+ /7.12
13/0 BK -Z1/2:0 /7.12

only with meter three-phase

KWH

2/L1:in
4/L1:out
1/N:in
3/N:out

6/- GN -Z1/2:- /7.12
8/+ WH -Z1/2:+ /7.12
10/0 BK -Z1/2:0 /7.12

only with meter single-phase

GY BK BN BU

-Q1
/6.13
ESD440S

8 6 4 2
7 5 3 1

BU BN BK GY

-X1/2 N L1 L2 L3

Connection Terminals (X1/X2)
Borniers de raccordement (X1/X2)
Anschlussklemmen (X1/X2)

-X1

GY BK BN BU GNYE

M3T2S socket with interlock
Prise M3T2S (verrouillable)
M3T2S Ladesteckdose (verriegelbar)

-X1:PP /6.3
-X1:CP /6.3

VT OG
PPCP

-K0:1

34 35 36+24V
38
welded control

BK -K0:1:34 /6.9
RD -K0:1:35 /6.9
WH -K0:1:36 /6.9
BU -T0:24V(3) /5.11
-K0:1:24V /4.13

L1EV N LST

BU BN

X0.1 N LST

Connection meter
Alimentation compteur
Anschluss Zähler

Detection of welded contactor contacts
Détection Contact collé Contacteur
Erkennung verklebter Schützkontakte

F2
MJN716
C16

-Q2
/6.15
ERD225SDC

2 N
1 N

4 2
3 1

BN BU GNYE

-X2

L1 N

M2TE/F socket
Prise M2TE/F
M2TE/F Ladesteckdose



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Main circuit (X1/2)
Circuit de puissance (X1/2)
Hauptstromkreis(X1/2)

Projekt: XEV6xx

Projekt Nr.: 6LE003353B
Zeichnung: xev6xx.zng

Blatt 3
von 6 Bl.

Zustand	Änderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.
1		2			3		

Datum	04.05.2023
Bearb.	F. Moniot
Gepr.	

optional

three-phase only

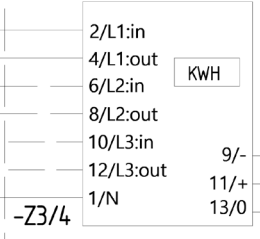
2x0,75mm²

-B3/4

/6.4

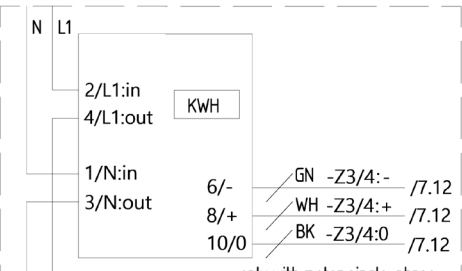
/6.5

KWH



only with meter three-phase

KWH



only with meter single-phase

GY BK BN BU

-Q3
/6.14
ESD440S



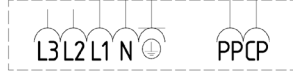
BU BN BK GY

-X3/4 N L1 L2 L3

Connection Terminals (X3/X4)
Borniers de raccordement (X3/X4)
Anschlussklemmen (X3/X4)

GY BK BN BU GNYE

-X3



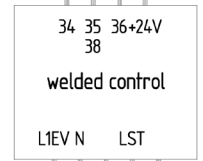
M3T2S socket with interlock
Prise M3T2S (verrouillable)
M3T2S Ladesteckdose (verriegelbar)

-X3:PP /6.5
-X3:CP /6.5

VT OG

Connection meter
Alimentation compteur
Anschluss Zähler

-K0:3



BK -K0.3:34 /6.9
RD -K0.3:38 /6.9
WH -K0.3:36 /6.9
BU -K0.1:24V /3.13

BU BK

X0.3 N LST

Detection of welded contactor contacts
Détection Contact collé Contacteur
Erkennung verklebter Schutzkontakte

F4
MJN716
C16

-Q4
/6.16
ERD225SDC



BN BU GNYE

-X4



M2TE/F socket
Prise M2TE/F
M2TE/F Ladesteckdose



6LE003353B

Main circuit (X3/4)
Circuit de puissance (X3/4)
Hauptstromkreis(X3/4)

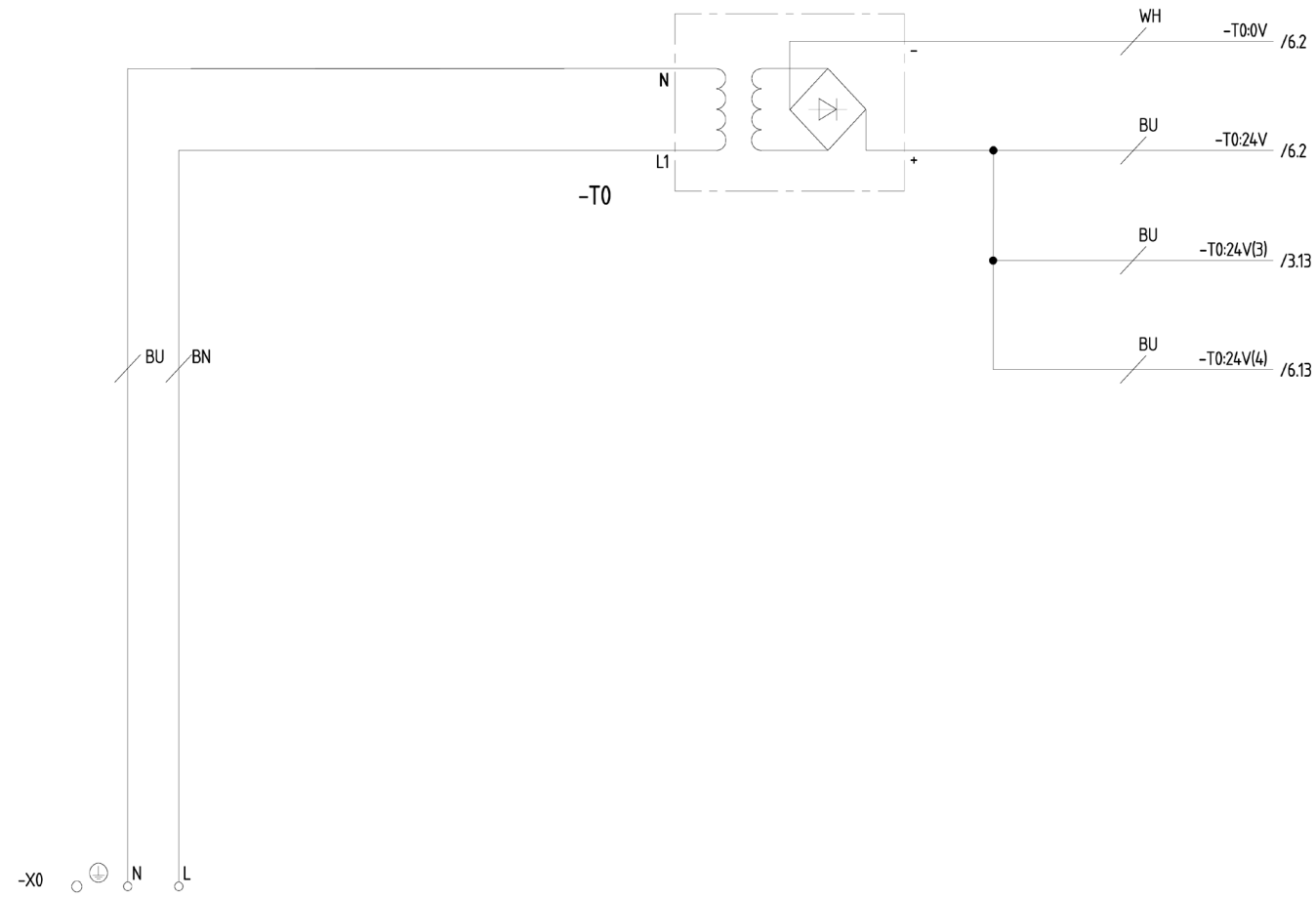
Projekt: XEV6xx

Projekt Nr.: 6LE003353B
Zeichnung: xev6xx.zng


Blatt 4
von 6 Bl.

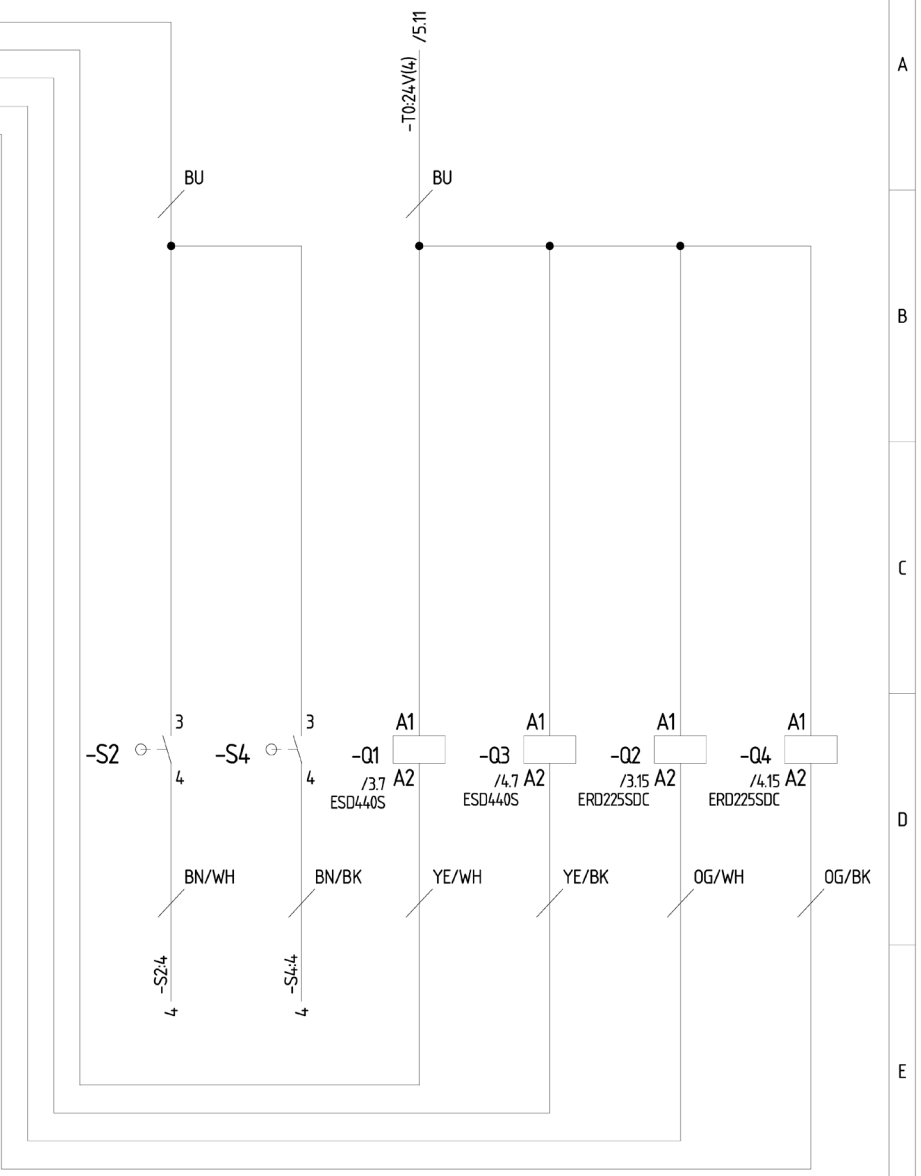
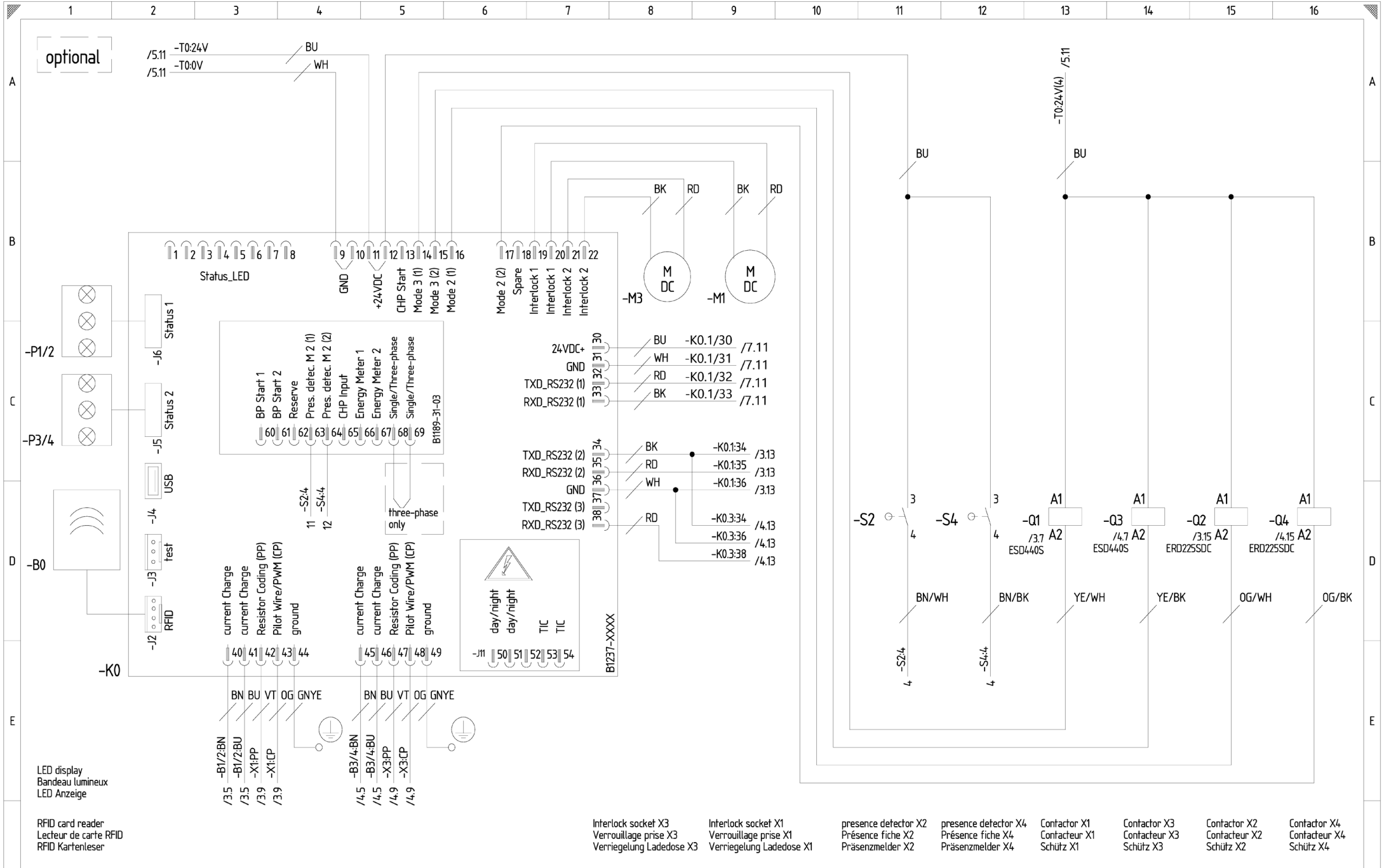
Datum	04.05.2023																
Bearb.	F. Moniot																
Gepr.																	
Zustand	Änderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.										
1		2		3	4	5	6	7	8	9	10	11	12	13	14	15	16

optional



Connection Terminals electronic power supply
 Borniers de raccordement électronique
 Anschlussklemmen Elektronikstromversorgung

				Datum 04.05.2023				6LE003353B		Electronic power supply Alimentation électronique Elektronikstromversorgung		Projekt: XEV6xx		=			
				Bearb. F. Moniot												+	
				Gepr.													
Zustand	Änderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.	Zeichnung: xev6xx.zng				von 6 Bl.					
1		2		3	4	5	6	7	8	9	10	11	12	13	14	15	16



LED display
Bandeau lumineux
LED Anzeige

RFID card reader
Lecteur de carte RFID
RFID Kartenleser

Interlock socket X3
Verrouillage prise X3
Verriegelung Ladedose X3

Interlock socket X1
Verrouillage prise X1
Verriegelung Ladedose X1

presence detector X2
Présence fiche X2
Präsenzmelder X2

presence detector X4
Présence fiche X4
Präsenzmelder X4

Contacteur X1
Contacteur X1
Schütz X1

Contacteur X3
Contacteur X3
Schütz X3

Contacteur X2
Contacteur X2
Schütz X2

Contacteur X4
Contacteur X4
Schütz X4

Datum		04.05.2023	
Bearb.		F. Moniot	
Gepr.			
Zustand	Änderung	Datum	Name
1		2	



6LE003353B

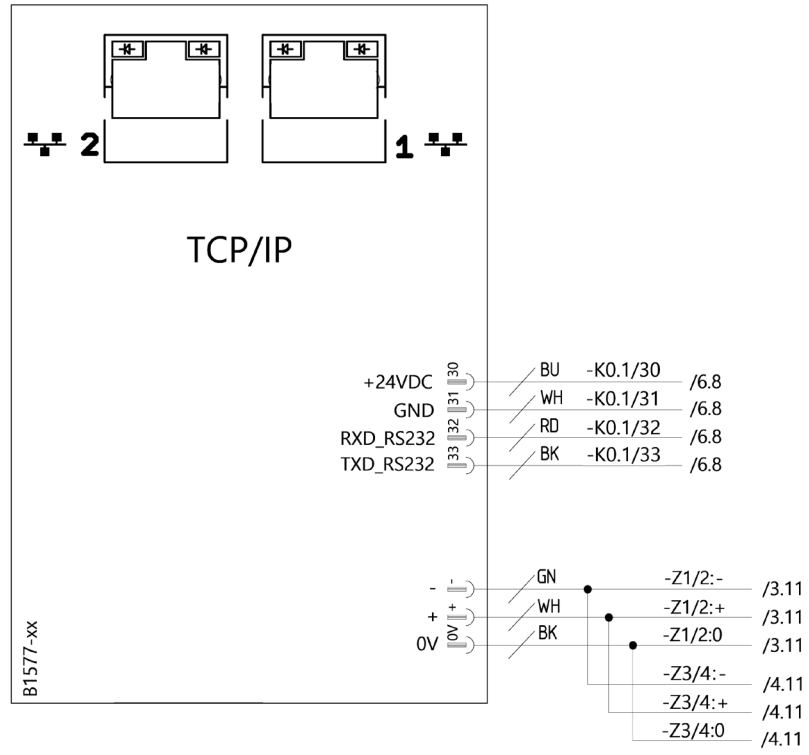
Charge controller
Contrôleur de charge
Ladecontroller

Projekt: XEV6xx

Projekt Nr.: 6LE003353B
Zeichnung: xev6xx.zng

Blatt 6
von 6 Bl.

optional



-K0.2

TCP/IP Card

		Datum 04.05.2023		:hager	6LE003353B	Electronic power supply Alimentation électronique Elektronikstromversorgung	Projekt: XEV6xx		=
		Bearb. F. Moniot							+
		Gepr.							Projekt Nr.: 6LE003353B
Zustand	Änderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.	Zeichnung: xev6xx.zng	von 6 Bl.
1		2		3	4	5	6	7	8