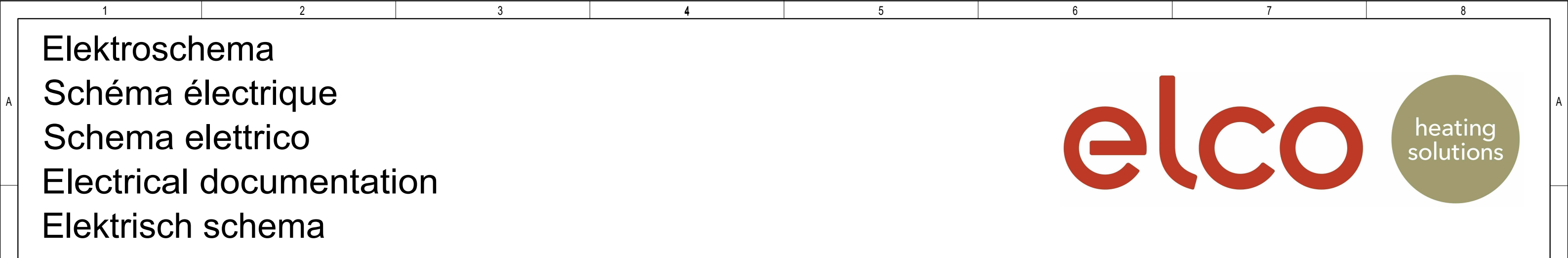


	1	2	3	4	5	6	7	8
A	Elektroschema Schéma électrique Schema elettrico Electrical documentation Elektrisch schema							



B	Anlage Installation Impianto Installation Installatie
C	Auftrag Nr. No de commande N° ordine Commision No. Bestelnr

B	Anlage Installation Impianto Installation Installatie
C	Auftrag Nr. No de commande N° ordine Commision No. Bestelnr

D	Das Installationsmaterial, sowie alle Anschlüsse und Erdungen müssen der EN 60335-1 + EN 60335-2-102 und den örtlichen Vorschriften entsprechen. Le Matériel d'installation ainsi que les connections et les mises à la terre doivent être conformes aux EN 60335-1 + EN 60335-2-102 et prescriptions locales Il materiale, come pure i raccordi e le messe a terra, devono corrispondere alle prescrizioni locali e alle EN 60335-1 + EN 60335-2-102 Installation material, as well as connections and grounding must the EN 60335-1 + EN 60335-2-102 and local regulations. Het installatiemateriaal zowel als aansluitingen en aarding dienen conform te zijn aan de EN 60335-1 + EN 60335-2-102 en de lokaal geldende voorschriften
	E

Wärmeerzeugertyp
Type de producteur de chaleur
Tipo di produttore di calore
Heat generator type
Keteltype

AEROTOP SPK 16/20

Wärmeezeuger-Ausführung Version de producteur de chaleur Versione di produttore di calore Heat generator type Versie keteltype
--

Standard AEROTOP SPK 3-6-I

Schema Artikelnummer
Art. No. de schéma
Art. N° schema
Diagram order number
Art.nr schema

4255266

Anlage / Blatt - Verzeichnis:	=A	1 - 8	=ZB	28
Annexe / page - liste:	=IDU	9 - 10		
Impianto / Elenco Fogli	=ODU	11		
Enclosure / page - list:	=WAR	12 - 17		
Bijlage/pagina - lijst	=P	18 - 25		
	=ZA	26 - 27		

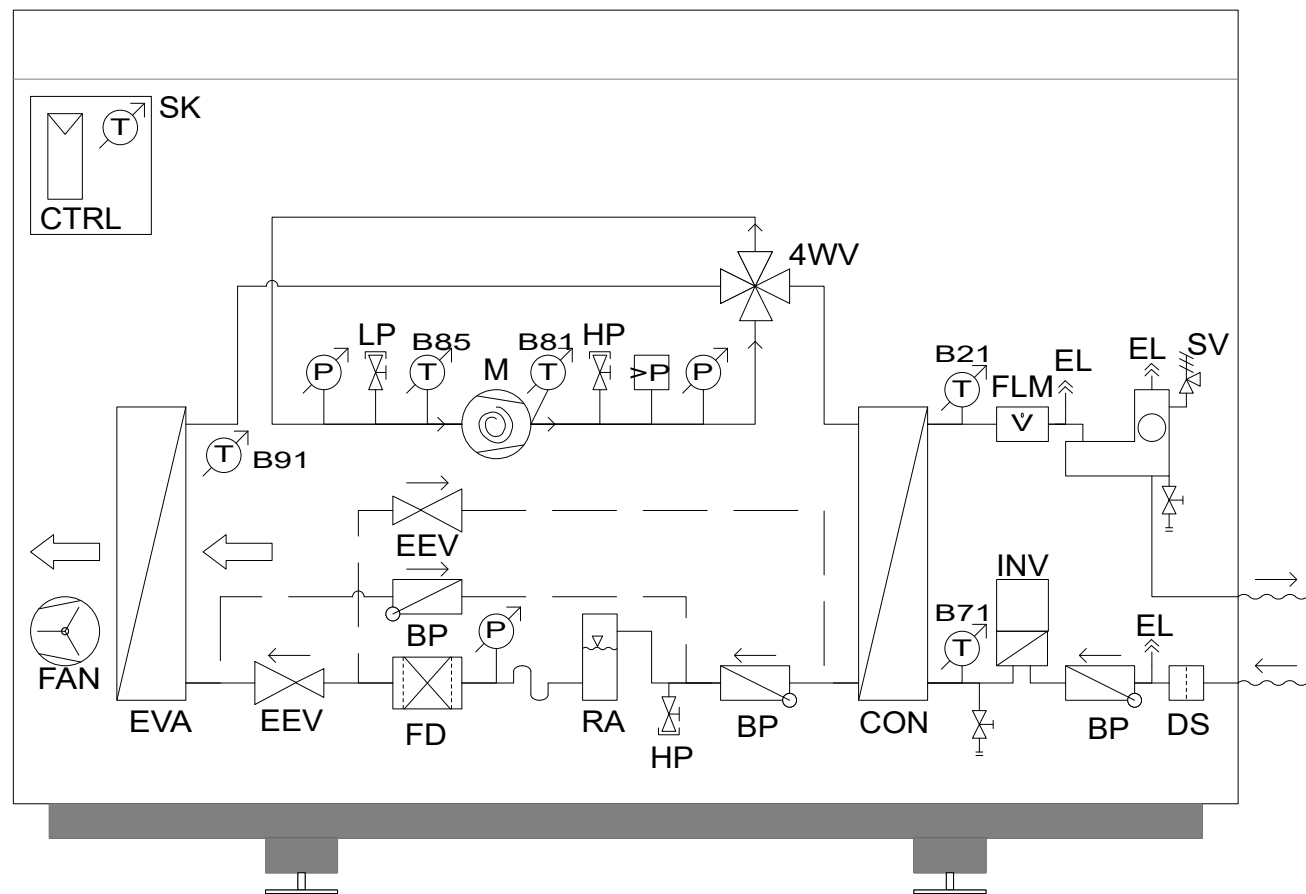
Anlage / Blatt - Verzeichnis:	=A	1 - 8	=ZB	28
Annexe / page - liste:	=IDU	9 - 10		
Impianto / Elenco Fogli	=ODU	11		
Enclosure / page - list:	=WAR	12 - 17		
Bijlage/pagina - lijst	=P	18 - 25		
	=ZA	26 - 27		

a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Elektrodokumentation	= Anlage:	=A	+ Ort:	Blatt/Page	1	
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c				Gepr.	16.01.2025	scd		Bez./Des.2	Cover sheet / Dekblad					
d				Contr.										
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name								

a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Elektrodokumentation	= Anlage:	=A	+ Ort:	Blatt/Page	1	
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d				Contr.										
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name								

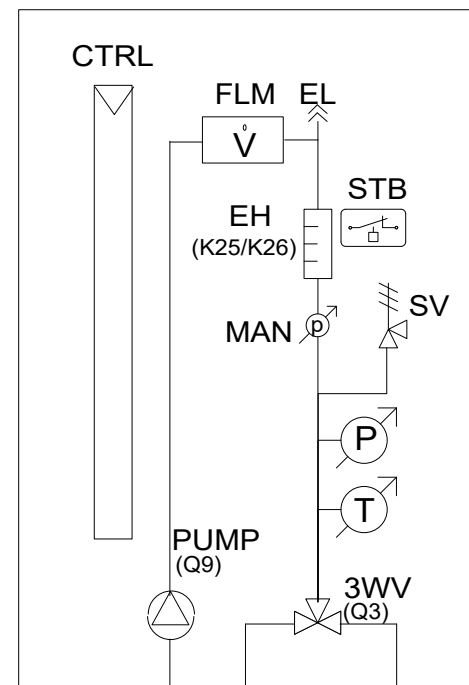
ODU:

Ausseneinheit/Unité extérieure/Unità esterna/Outdoor unit/ Buitenunit



IDU:

Inneneinheit/Unité intérieure/Unità interna/Indoor unit/ Binnenunit



Legende / Légende / Leggenda / Legend / Legenda

3WV	3 Wege -Ventil Vanne à 3 voies Vanne à 3 voies 3-way valve 3-weg klep	EL	Entlüftung Purge d'air Disaerazione Venting Ontluchting	INV	Inverter Onduleur Inverter Inverter Omvormer
4WV	4 Wege-Ventil Vanne 4 voies Valvola 4 vie 4-way valve 4-weg klep	EVA	Verdampfer évaporateur Evaporatore Evaporator Verdamper	P	Drucksensor Capteur de pression Sensore di pressione Pressure sensor Druk voeler
BP	Rückschlagklappe Clapet anti retour Valvola anti ritorno Check valve Terugslagklep	FD	Filtertrockner Filtre déshydrateur Filtro essiccatore Filter dryer Filterdroger	>P	Druckschalter Interrupteur à pression Pressostato Pressure switch Drukschakelaar
CON	Kondensator Condensateur Condensatore Condenser Condensor	FAN	Ventilator Ventilateur Ventilatore Fan Ventilator	PUMP	Pumpe Pompe Pompa Pump Pomp
CTRL	Regler Régulateur Regolatore Controller regelaar	FLM	Volumenstromsensor Capteur de débit volumétrique Sensore di portata Flow meter Volumestroomsensor	RA	Kältemittelsammler Collecteur de réfrigérant Collettore di refrigerante Refrigerant collector Koelmiddelverzamelaar
DS	Schmutzfilter Filtre de saleté Filtro di saleté Dirt filter Vuilfilter	HP / LP	Service Ventil Service Valve Servizio Valvola Service Valve Service klep	SK	Steuerungskasten Boîtier de commande Scatola di controllo Control box Schakelkast
EEV	Expansionsventil Détendeur gaz Valvola di espansione Expansion valve Exv real	M	Kompressor Compresseur Compressore Compressor Compressor	STB	Sicherheitsthermostat Thermostat de sécurité Termostato di sicurezza High limit thermostat Veiligheids thermostaat
EH	Heizstab Cartauche chauffante Resistenza Heating element verwarmingselement	MAN	Manometer manomètre Manometro pressure gauge manometer	SV	Sicherheitsventil Vanne de sécurité Valvola di sicurezza Safety valve veiligheidsklep
				T	Temperatursensor Sonde de température Sonda di temperatura Temperature sensor Temperatuurvoeler

a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Type	AEROTOP SPK 16/20		= Anlage:	+ Ort:	Blatt/Page	2
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c				Gepr.	16.01.2025	scd		Bez./Des.2	Informazioni gen. / Gen. info / Alg. informatie		Schema/Draw		W02.1.0374	
d				Contr.									Total Bl./Pg	28
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name								

Einspeisung / Alimentation / Alimentazione / Power supply / Voeding

Achtung!

Absicherung Leistung mit allpolig abschaltbarem Leistungsschutzschalter (keine 3 Einzelsicherungen)

Bei externen Verbraucherkomponenten bitte die Hersteller-Bedienungsanleitung lesen!

Attention!

Sécurisation de la puissance par disjoncteur de puissance multipolaire (pas 3 sécurités séparées)

En cas de composants consommateurs externes veuillez lire le manuel du producteur!

Attenzione!

Protezione forza con interruttore automatico onnipolare (non 3 fusibili singoli)

In caso di componenti di consumo esterni si prega di leggere il manuale del produttore!

Attention!

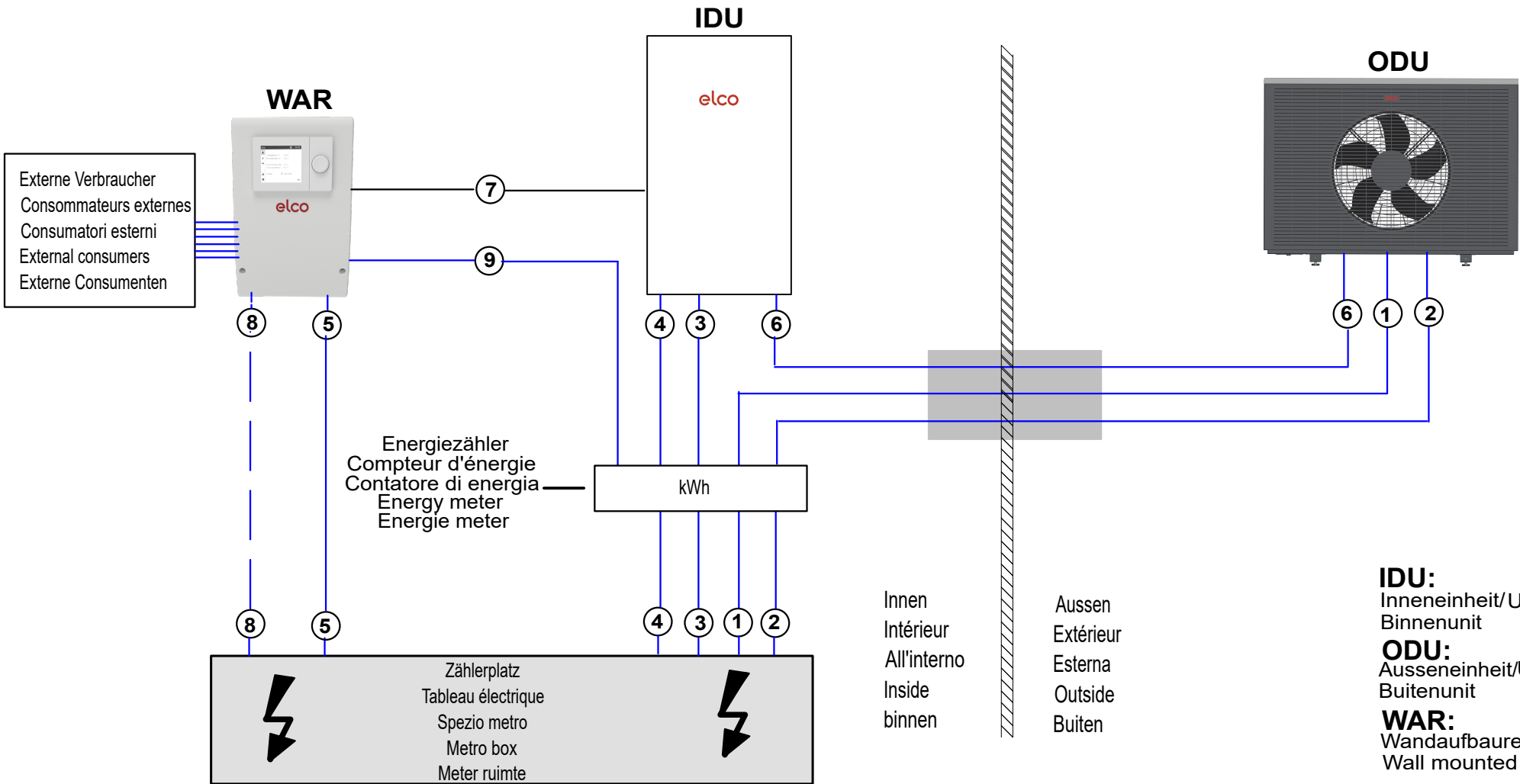
Protection forces with switch automatic rifle to onnipolare (not 3 single fuses)

In case of external consumer components please read the producer manual!

Aandacht!

Zekering met alle polen leidingbeveiligingsschakelaar (niet 3 enkele zekeringen)

In het geval van externe consumenten-componenten lees de handboek van de producent!

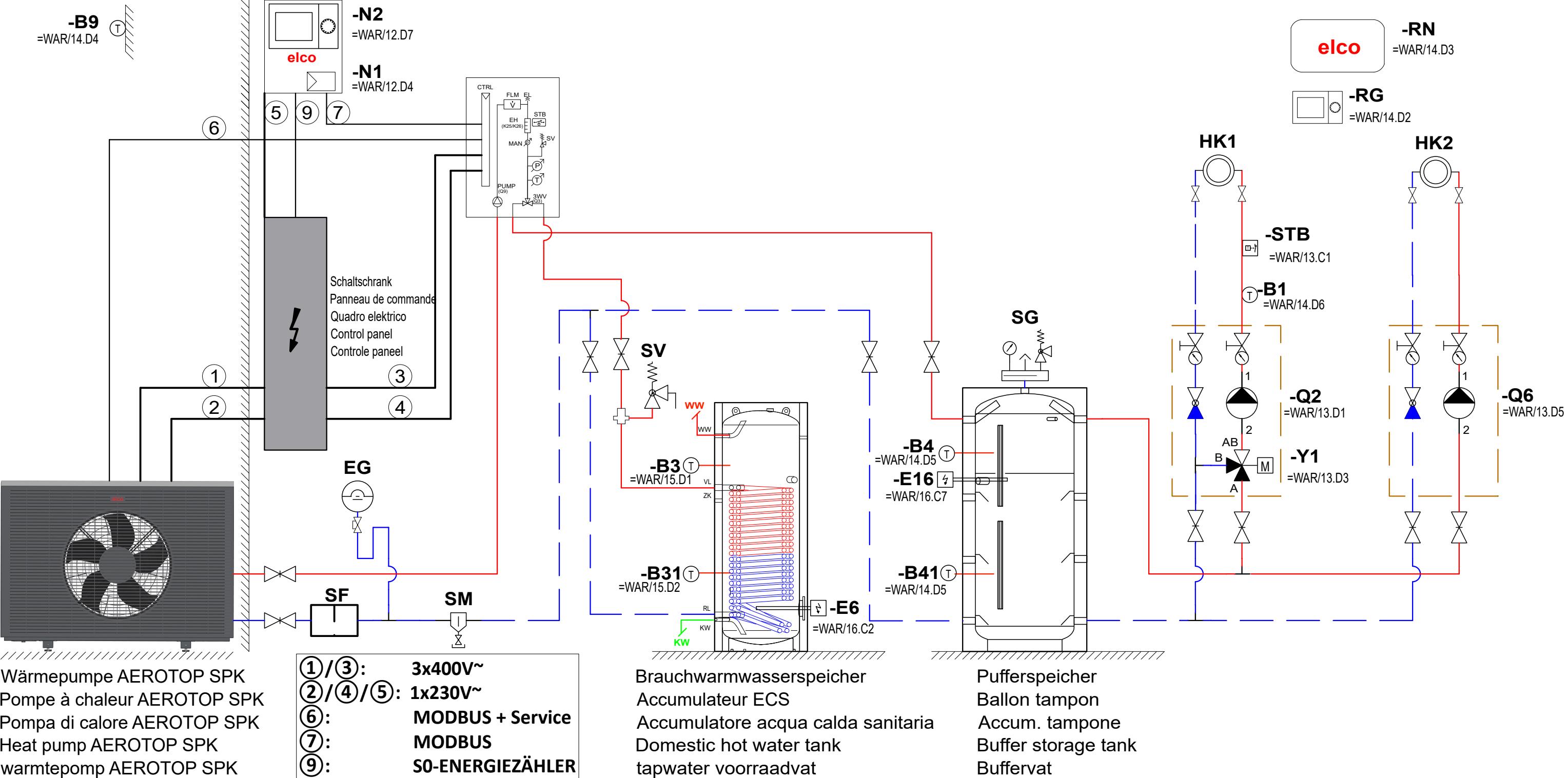


IDU:
Inneneinheit/Unité intérieure/Unità interna/Indoor unit/
Binnenunit
ODU:
Ausseneinheit/Unité extérieure/Unità esterna/Outdoor unit/
Buitenunit
WAR:
Wandaufbauregler/Régulateur mural/Controllore a parete/
Wall mounted controller/Wandbediening

①	②	③	④	⑤	⑥	⑦	⑧	⑨
Einspeisung ODU Alimentation ODU Alimentazione ODU Power supply ODU Voeding ODU	Steuerspannung ODU Tension de commande ODU Tensione di comando ODU Control voltage ODU Control voltage ODU	Einspeisung IDU Alimentation IDU Alimentazione IDU Power supply IDU Voeding IDU	Steuerspannung IDU Tension de commande IDU Tensione di controllo IDU Control voltage IDU Stuurspanning IDU	Steuerspannung RVS Tension de commande RVS Tensione di controllo RVS Control voltage RVS Stuurspanning RVS	MODBUS+SERVICE IDU-ODU	MODBUS IDU-WAR	EW-Sperre EW-Barriere EW-Barriera EW-block EW-blokkering	S0-Energiezähler Compteur d'énergie S0 Contatore di energia S0 S0 energy meter S0-energiemeter
P+N+PE	P+N+PE	P+N+PE	P+N+PE	P+N+PE	MB+/MB-/GND	MB+/MB-/GND	EX1	H1/M
400 V	230 V	400V	230V	230V			230V	
50 Hz	50 Hz	50 Hz	50 Hz	50 Hz			50 Hz	
SPK 16 16A -B/C	13A/16A - B/C	16A-B/C	13A/16A - B/C	13A - B/C				
5x2,5mm² - 5x4mm²	Min. 3x1,5mm²	5x2,5mm² - 5x4mm²	Min. 3x1,5mm²	Min. 3x1,5mm²	Min.CAT5e/Max.30m	Min. 3 x 0,5mm²/5m inkl.	Min. 1x0,5mm²	Min. 2x0,5mm²
M	FAN EEV CTRL	EH	PUMP 3WV CTRL	PUMP 3WV CTRL	Netzwerkkabel RJ45 Câble réseau RJ45 Cavo di rete RJ45 Network cable RJ45 Netwerkkabel RJ45	Abgeschirmte Leitungen Câble blindé Cavi schermati Screened cable Afgeschermde kabel	(Option)	

Funktionsschema ohne Anspruch auf Vollständigkeit. Diese Schema ersetzt keine Fachtechnische Planung der Anlage.
Schéma fonctionnel sans prétention d'exhaustivité. Ce schéma ne remplace pas la planification technique spécialisée de l'installation.
Schema funzionale senza pretese di completezza. Questo schema non sostituisce la pianificazione tecnica dell'impianto.
Functional diagram without claim to completeness. This diagram does not replace specialized technical planning of the system.
Functieschema zonder aanspraak op volledigheid. Dit schema vervangt geen technische planning van de installatie.

Installation inkl. Sicherheitseinrichtungen nach gültigen Normen und örtlichen Vorschriften ausführen. Für die Dimensionierung der Rohrleitungen ist der Installateur verantwortlich.
Effectuer l'installation, y compris les dispositifs de sécurité, conformément aux normes en vigueur et aux réglementations locales. L'installateur est responsable du dimensionnement des conduites.
Eseguire l'installazione, comprese le apparecchiature di sicurezza, secondo le normative vigenti e le regolazioni locali. L'installatore è responsabile della dimensionamento delle tubazioni.
Execute installation including safety devices according to applicable standards and local regulations. The installer is responsible for the sizing of the pipelines.
Installatie inclusief beveiligingsvoorzieningen uitvoeren volgens geldende normen en lokale voorschriften. De installateur is verantwoordelijk voor de dimensionering van de leidingen.



a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Type	AEROTOP SPK 16/20	= Anlage:	+ Ort:	Blatt/Page	4
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c				Gepr.	16.01.2025	scd		Bez./Des.2	Standard 3-6-I	Schema/Draw	W02.1.0374	Total Bl./Pg	28
d				Contr.									
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name							

Legende / Légende / Leggenda / Legend / Legenda

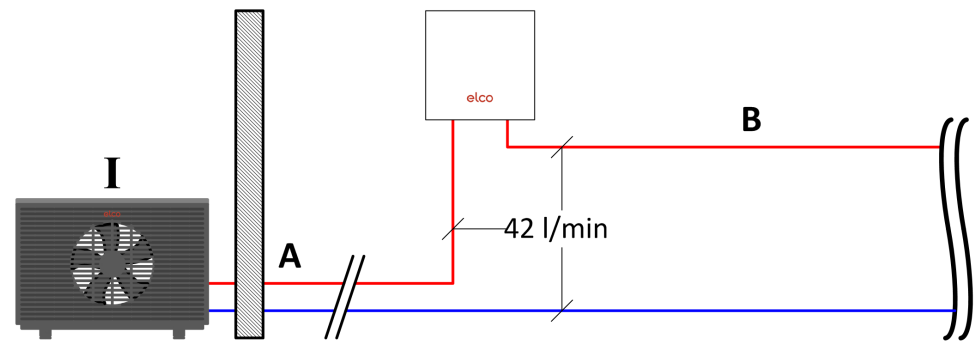
- B1** Vorlauffühler
Sonde de départ
Sonda mandata
Flow sensor
vertrekvoeler
- B3** Brauchwasserfühler oben
Sonde de temp. ECS en haut
Sonda termica accum. ACS alto
hot water sensor top
boilervoeler boven
- B4** Pufferspeicherfühler oben
Sonde de ballon tamp. en haut
Sonda temp. accum. alto
buffer storage sensor top
Voeler buffervat boven
- B9** Aussenfühler
Sonde extérieure
Sonda esterna
Outside sensor
Buitenvoeler
- B31** Brauchwasserfühler unten (Option)
Sonde de temp. ECS en bas (Option)
Sonda termica accum. ACS sotto (Opzione)
hot water sensor bottom (Option)
boilervoeler onder (Optie)

- B41** Pufferspeicherfühler unten
Sonde de ballon tamp. en bas
Sonda temp. accum. sotto
Bottom storage tank sensor
Voeler buffervat onder
- E6** Elektroheizeinsatz BW (Option)
élément chauffant électrique ECS (Option)
Resistenza elettrica carica ACS (Opzione)
Domestic hot water electric heating element (Option)
Elektrische weerstand boiler (Optie)
- E16** Elektroheizeinsatz Pufferspeicher (Option)
Elément chauffant électrique du ballon tampon (Option)
Resistenza elettrica accum. tampone (Opzione)
Buffer storage tank electric heating element (Option)
Buffervat elektrisch verwarmingselement (Optie)
- EG** Expansionsgefäss
Vase d'expansion
Vaso d'espansione
Expansion tank
Expansievat
- HK1** Heizkreis
HK2 Circuit de chauffage
Circuito riscaldamento
Heating circuit
Verwarmingskring

- N1** Wärmepumpenregler
Régulateur de pompe à chaleur
Regolatore per termopompa
Heat pump controller
Warmtepomp regelaar
- N2** Bedieneinheit
Unité de contrôle
Unità di controllo
Operator interface
Bedieneenheid
- Q2** Heizkreispumpe
Q6 Pompe de circuit de chauffage
Pompa di circuito di riscald.
Heating zone pump
CV pump
- RG** Raumgerät (Option)
Appareil d'ambiance (Option)
Comando a distanza (Opzione)
Room unit (Option)
Ruimte unit (Optie)
- RN** Remocon NET B (Option)
Remocon NET B (Option)
Remocon NET B (Opzione)
Remocon NET B (Option)
Remocon NET B (Optie)
- SF** Schmutzfilter
Filtre de saleté
Filtro di saleté
Dirt filter
Vuilfilter

- SG** Sicherheitsgruppe
Groupe de sécurité
Gruppo di sicurezza
Safety group
Beveiligingsgroep
- SM** Schlammabscheider
Séparateur de boue
Filtro di saleté
Skimmer
Vuilafscheider
- STB** Sicherheitsthermostat für Bodenheizung (Option)
Thermostat de sécurité pour chauffage par le sol (Option)
Termostato di sicurezza per pannelli radianti (Opzione)
Safety limit thermostat of floor heating (Option)
Veiligheidsaquastaat voor vloerverwarming (Optie)
- SV** Sicherheitsventil
Vanne de sécurité
Valvola di sicurezza
Safety valve
veiligheidsklep
- Y1** Mischerantrieb
Entraînement de mélange
Comando valvola miscelazione
Mixing valve
3-weg mengkraan

Einzelgerät / Appareil unique / Dispositivo singolo / Single device / Eén apparaat



Der minimale Volumenstrom von 42 l/min muss zwingend gewährleistet werden!
Le débit volumétrique minimal de 42 l/min doit impérativement être garanti !
Deve essere garantita la portata minima di 42 l/min!
The minimum volume flow of 42 l/min must be guaranteed!
De minimale volumestroom van 42 l/min moet worden gegarandeerd!

Hinweise zur Rohrnetzdimensionierung – Druckverlust
Conseils pour le dimensionnement du réseau de tuyaux – Perte de pression
Note sul dimensionamento delle tubazioni – Perdita di pressione
Notes on pipe dimensioning – Pressure loss
Opmerkingen over het dimensioneren van leidingen – Drukverlies

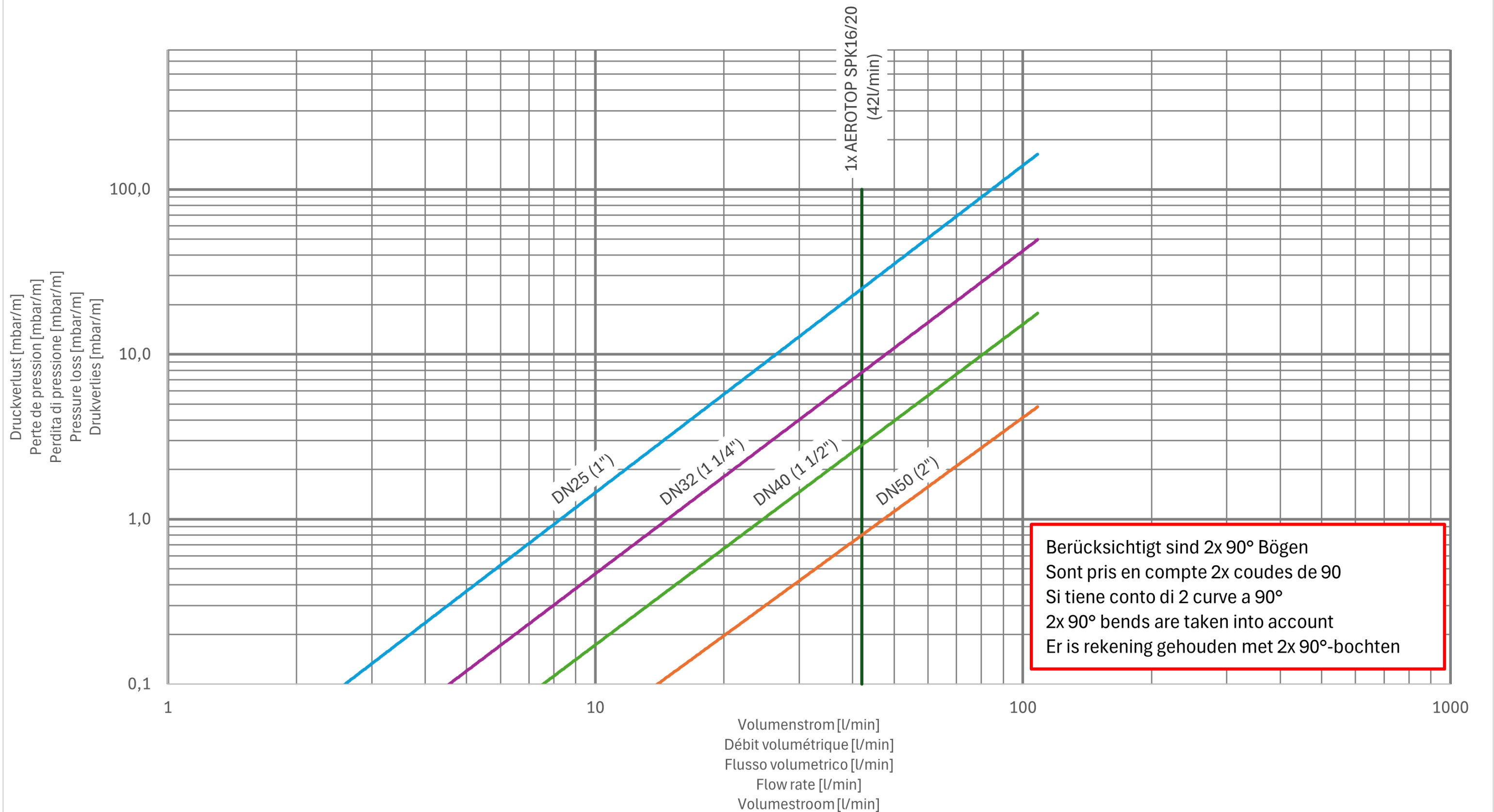
Richtwert Valeur indicative Valore indicativo Guideline Richtlijn	Gewählt Choisi Scelto Chosen Gekozen	Druckverlust [mbar] Perte de pression [mbar] Perdita di pressione [mbar] Pressure loss [mbar] Drukverlies [mbar]
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1.	Verbindungsleitung in das Gebäude (Vorlauf & Rücklauf) Conduite de raccordement dans le bâtiment (aller & retour) Tubo di collegamento all'edificio (mandata e ritorno) Connecting pipe into the building (flow and return) Verbindingsleiding naar het gebouw (vooruit & terug)	A (42l/min)	Min. DN32 (1 ¼")	DN.....	mmbar/m $\Delta p = \text{.....mbar}$	Nähere Informationen zu Druckverlusten entnehmen Sie bitte den nachfolgenden Diagrammen (Info A, B) , den Herstellerangaben oder der Fachliteratur. Pour plus d'informations sur les pertes de charge, veuillez vous référer aux diagrammes ci-dessous (Info A, B) , aux indications du fabricant ou à la littérature spécialisée. Per informazioni più dettagliate sulle perdite di pressione, consultare i diagrammi seguenti (Info A, B) , le specifiche del produttore o la letteratura tecnica. For more detailed information on pressure losses, please refer to the following diagrams (Info A, B) , the manufacturer's specifications or the technical literature.
2.	Gerade Rohrleitungen im Gebäude (Vorlauf & Rücklauf) Tuyauterie droite dans le bâtiment (aller & retour) Tubazioni diritte nell'edificio (mandata e ritorno) Straight pipes in the building (flow and return) Rechte leidingen in het gebouw (vooruit & terug)	B (42l/min)	Min. DN32 (1 ¼")	DN.....	mmbar/m $\Delta p = \text{.....mbar}$	
3.	Fittings / Formstücke / Komponenten Raccords / Pièces profilées / Composants Raccordi / Pezzi sagomati / Componenti Fittings / Shaped pieces / Components Fittingen / Gevormde stukken / Componenten	C (42l/min)	0,4 X B		$\Delta p = \text{.....mbar}$	
4.	Trinkwasserspeicher mit innenliegendem Rohrwärmetauscher (VISTRON H) Réservoir d'eau potable avec échangeur de chaleur tubulaire interne (VISTRON H) Serbatoio dell'acqua potabile con scambiatore di calore interno (VISTRON H) Domestic hot water storage tank with internal pipe heat exchanger (VISTRON H) Drinkwateropslagtank met interne buiswarmtewisselaar (VISTRON H)	D (42l/min)	Pauschal 100mbar Forfait 100mbar Tariffa fissa 100mbar generally 100mbar vast tarief 100mbar		$\Delta p = \text{.....mbar}$	
5.	Anlagenspezifischer Druckverlust / Zuschlag Perte de charge spécifique à l'installation / supplément Perdita di pressione specifica dell'impianto / supplemento System-specific pressure loss / surcharge Installatiespecifiek drukverlies / toeslag	E (42l/min)			$\Delta p = \text{.....mbar}$	Raadpleeg voor meer gedetailleerde informatie over drukverliezen de volgende diagrammen (Info A, B) , de specificaties van de fabrikant of de technische literatuur.
6.	Gesamtdruckverlust Perte de pression totale Perdita di pressione totale Total pressure loss Totaal drukverlies	F (42l/min)			$F = \sum (A + B + C + D + E)$ $\Delta p = \text{.....mbar}$	
7.	Prüfen, ob Restförderhöhe > Gesamtdruckverlust F Vérifiez si la hauteur résiduelle > perte de pression totale F Controllare se la pressione residua > perdita di pressione totale F Check if residual head > total pressure loss F Controleer of de restopvoerhoogte > het totale drukverlies is F	Restförderhöhe Hauteur résiduelle Pressione residua Residual head Restopvoerhoogte			SPK16: 622mbar @42l/min SPK20: 880mbar @42l/min	

a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Type	AEROTOP SPK 16/20	= Anlage:	+ Ort:	Blatt/Page
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c				Gepr.	16.01.2025	scd		Bez./Des.2	Volume flow/Debiet	Schema/Draw	W02.1.0374	Total Bl./Pg
d				Contr.								
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name						

Info A

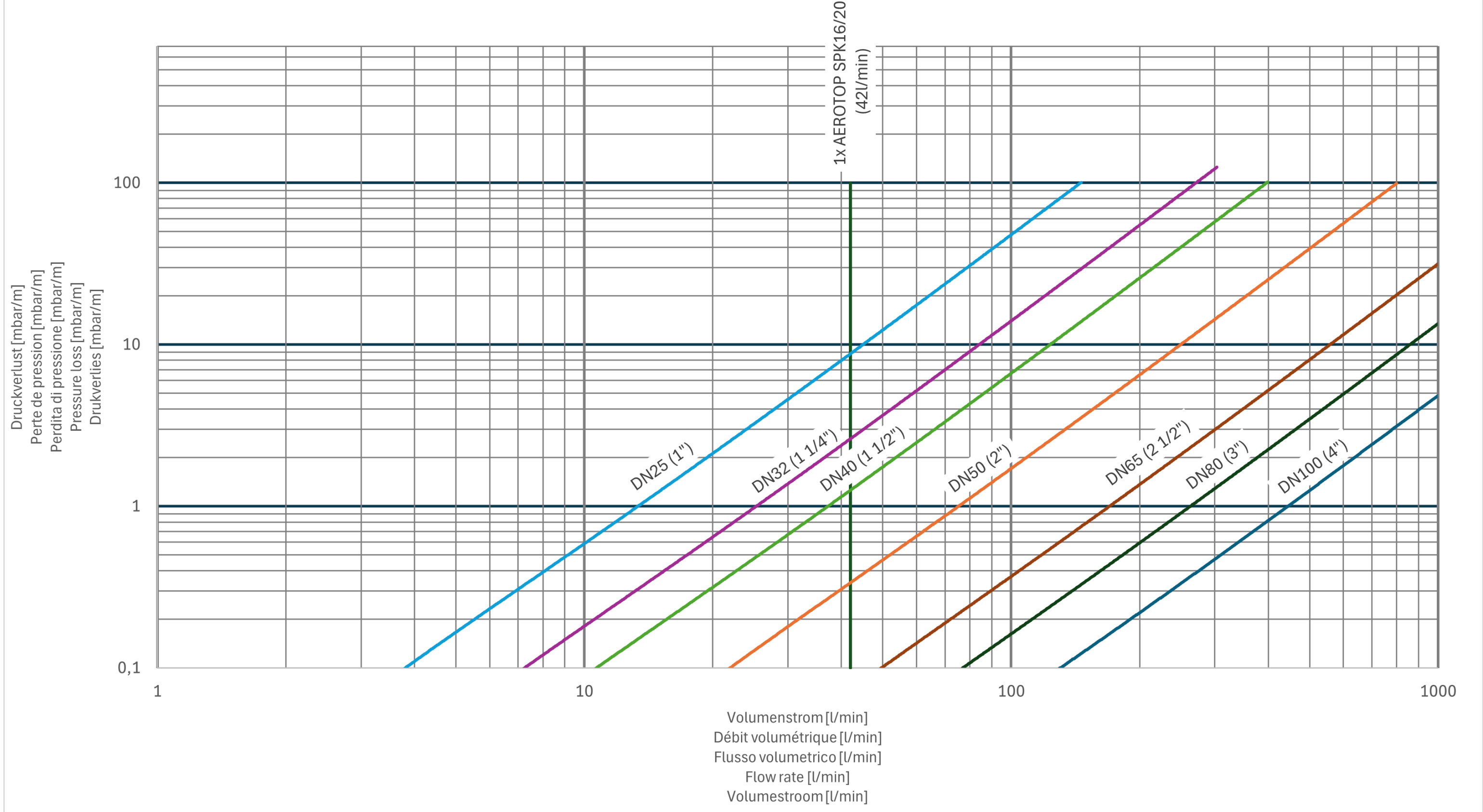
Druckverlust Wellrohr
Perte de pression du tube ondulé
Perdita di pressione tubo corrugato
Pressure loss corrugated pipe
Drukverlies golfpijp



a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Type	AEROTOP SPK 16/20	= Anlage:	+ Ort:	Blatt/Page
b	Opt PV/S0 hinzu/Volumenst.	22.10.2025	bm	Dess.				Bez./Des.1	Druckverlust/Perte de charge/Perdita di pressione	=A		7
c				Gepr.	16.01.2025	scd		Bez./Des.2	Pressure loss/Drukverlies	Schema/Draw	W02.1.0374	Total Bl./Pg
d				Contr.								
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name						28

Info B

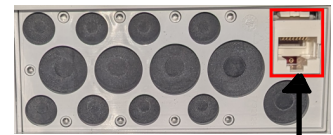
Druckverlust gerades Rohr
Perte de charge tube droit
Perdita di pressione tubo diritto
Pressure loss straight pipe
Drukverlies rechte pijp



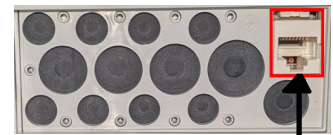
a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Type	AEROTOP SPK 16/20	= Anlage:		+ Ort:		Blatt/Page	8
b	Opt PV/S0 hinzu/Volumenst.	22.10.2025	bm	Dess.				Bez./Des.1	Druckverlust/Perte de charge/Perdita di pressione	=A					
c				Gepr.	16.01.2025	scd		Bez./Des.2	Pressure loss/Drukverlies	Schema/Draw	W02.1.0374			Total Bl./Pg	28
d				Contr.											
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name									

+AEROTOP SPK

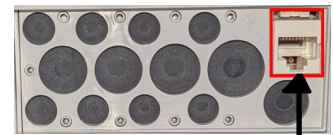
Inneneinheit / unité intérieure / unità interna / indoor unit / binnenunit (IDU)



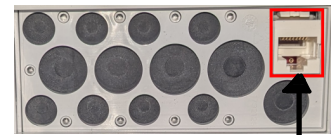
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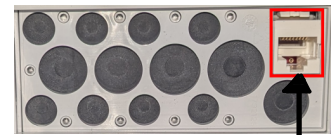
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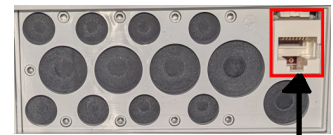
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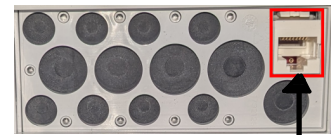
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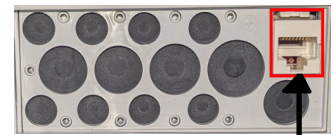
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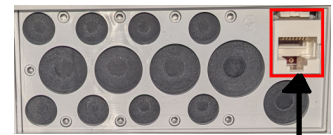
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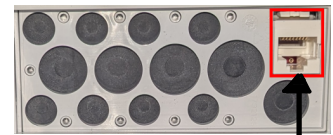
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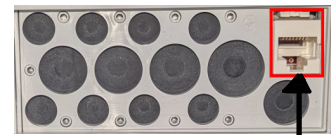
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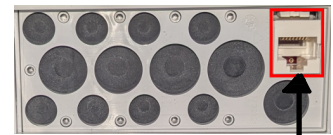
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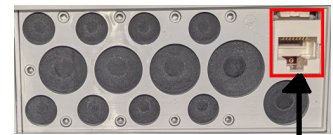
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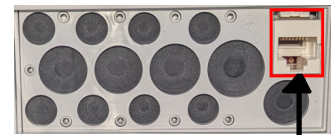
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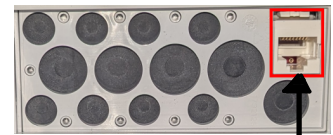
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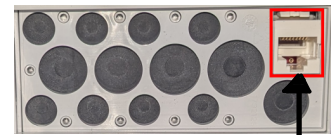
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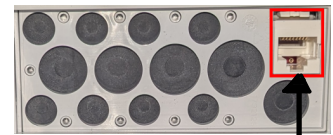
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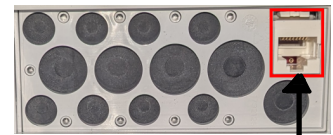
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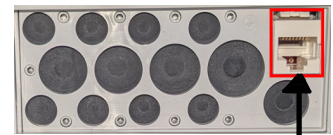
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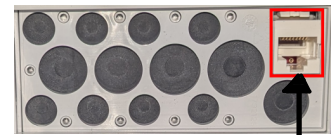
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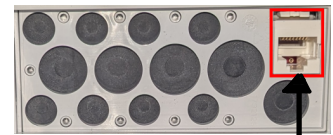
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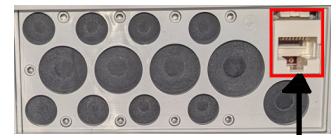
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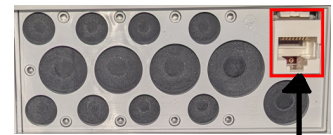
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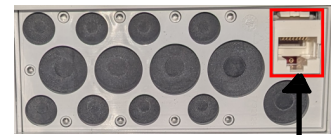
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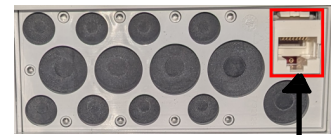
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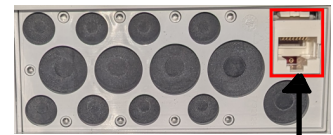
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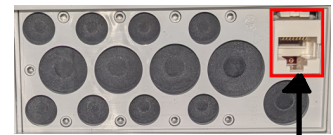
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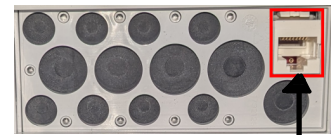
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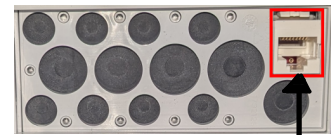
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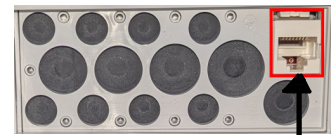
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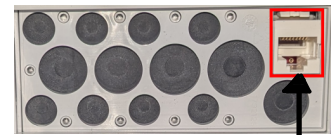
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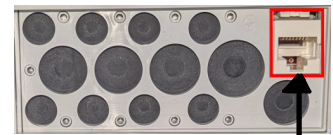
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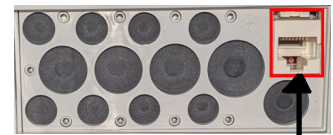
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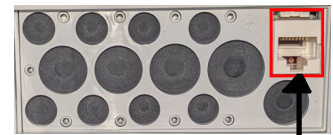
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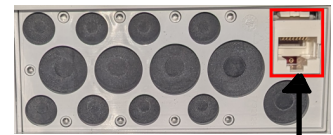
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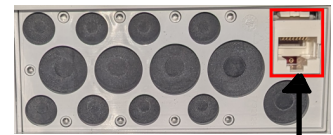
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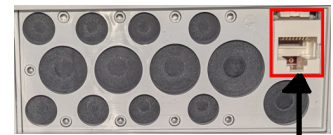
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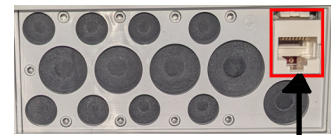
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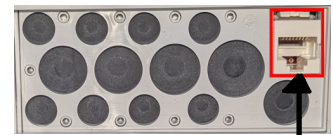
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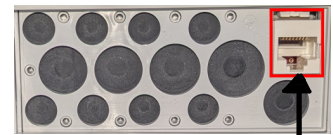
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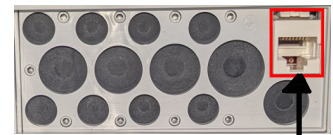
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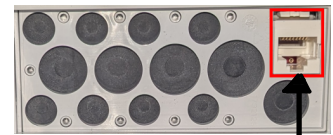
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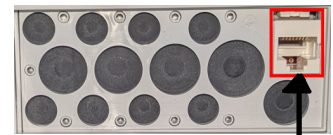
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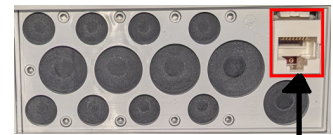
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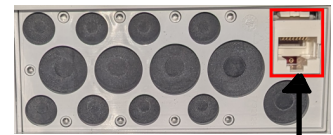
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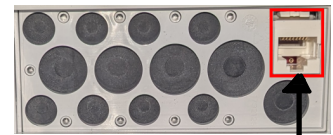
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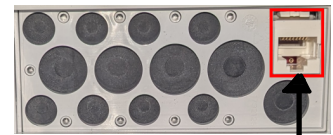
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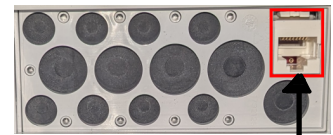
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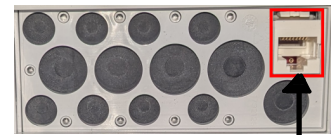
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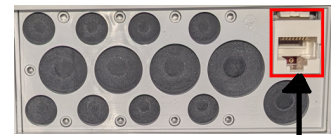
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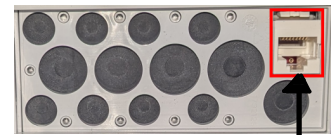
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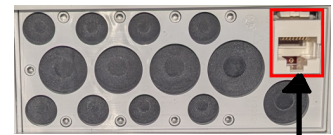
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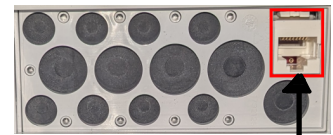
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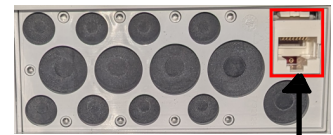
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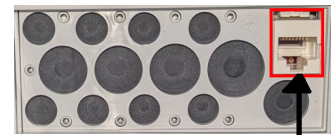
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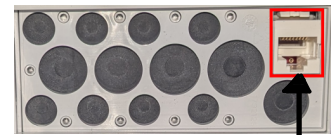
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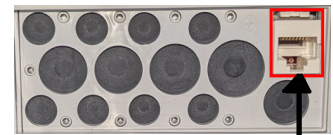
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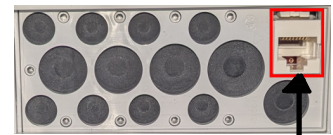
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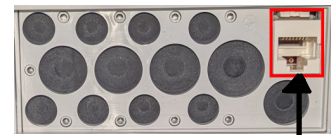
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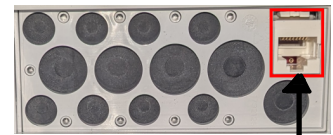
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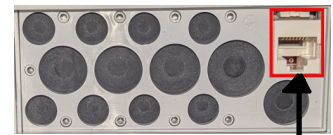
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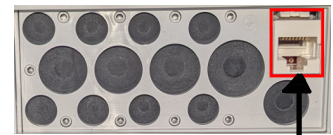
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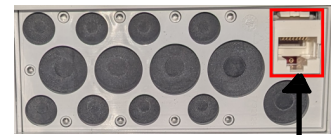
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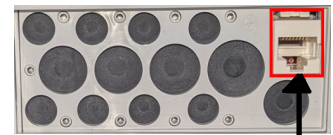
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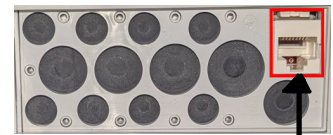
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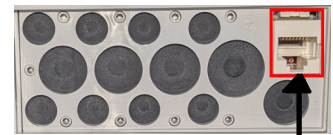
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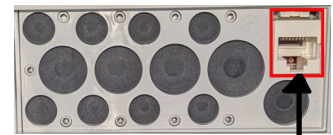
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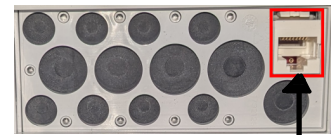
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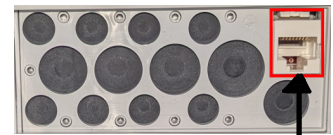
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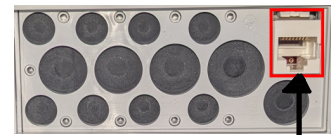
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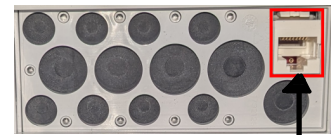
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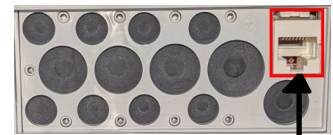
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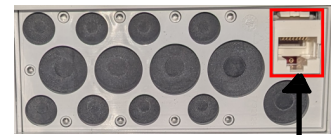
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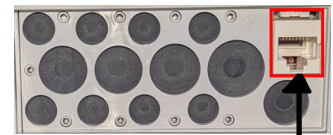
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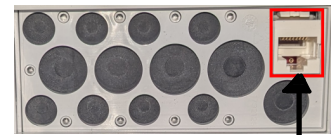
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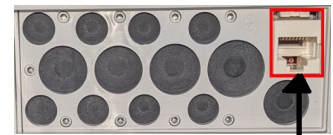
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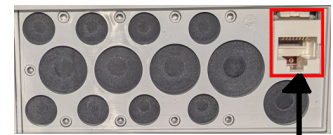
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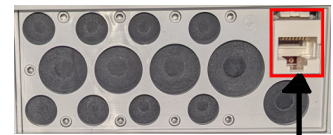
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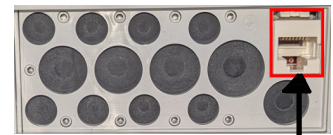
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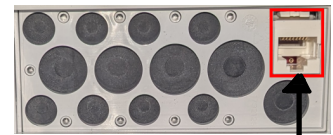
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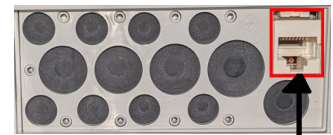
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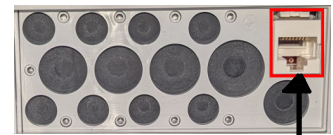
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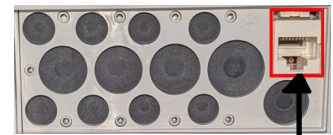
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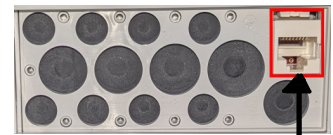
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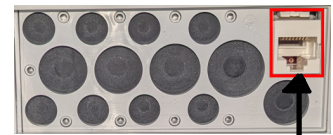
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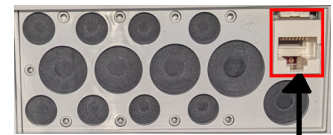
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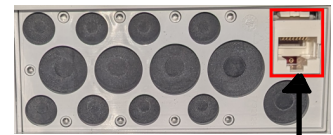
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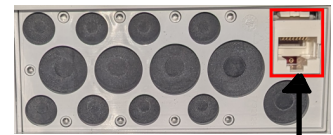
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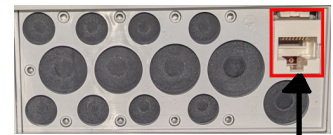
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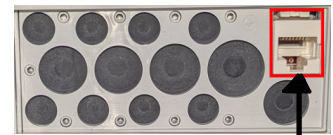
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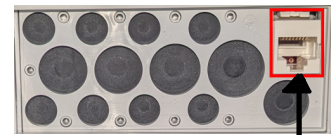
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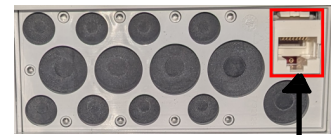
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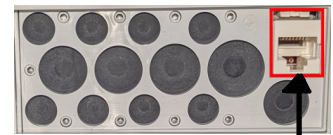
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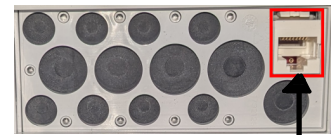
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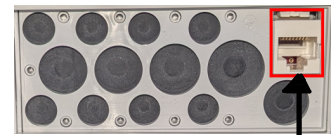
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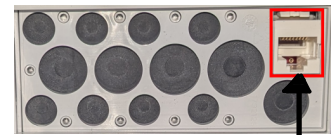
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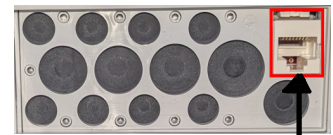
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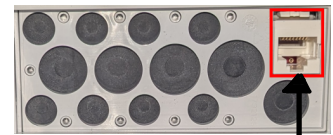
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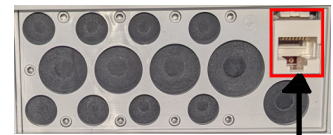
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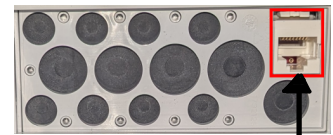
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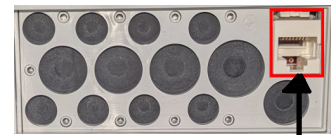
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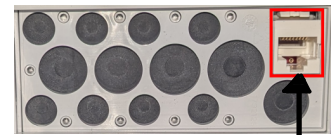
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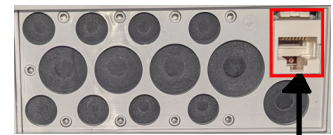
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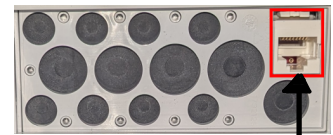
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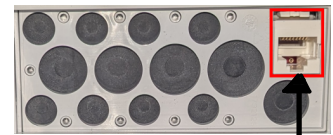
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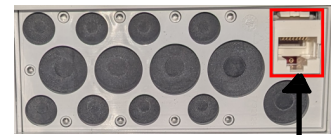
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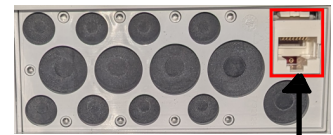
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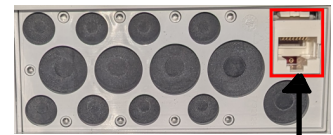
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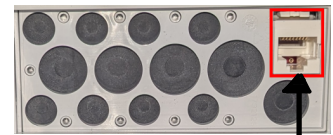
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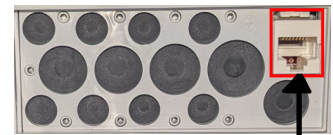
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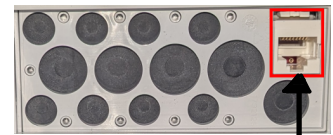
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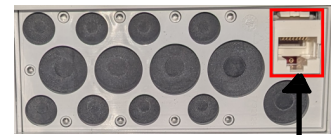
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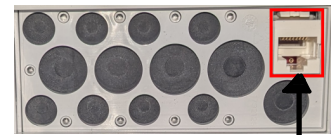
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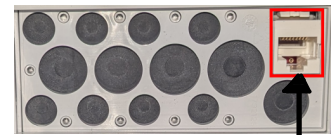
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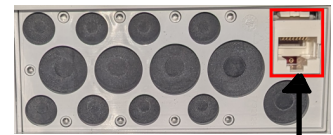
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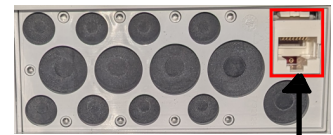
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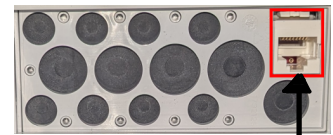
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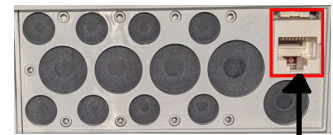
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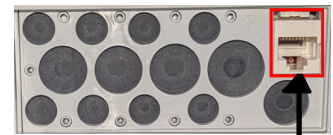
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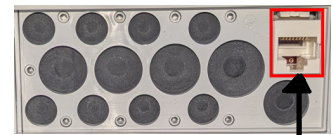
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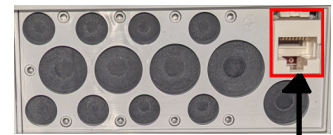
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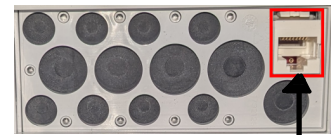
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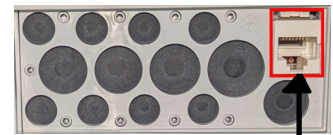
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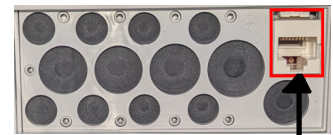
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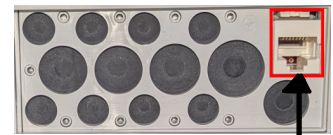
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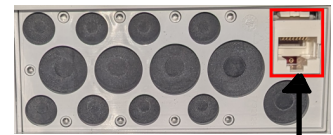
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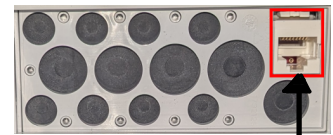
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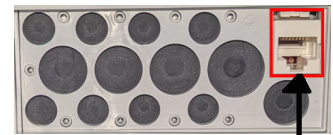
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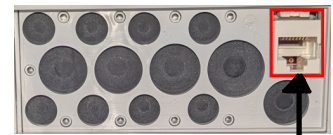
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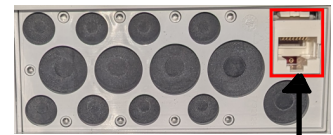
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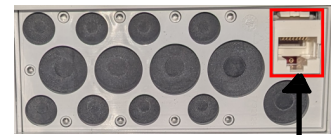
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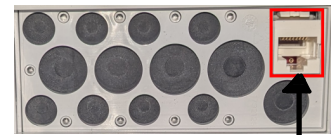
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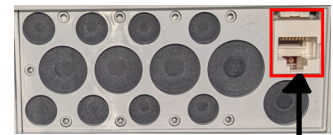
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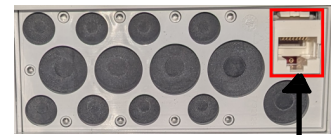
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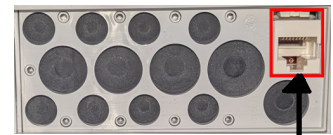
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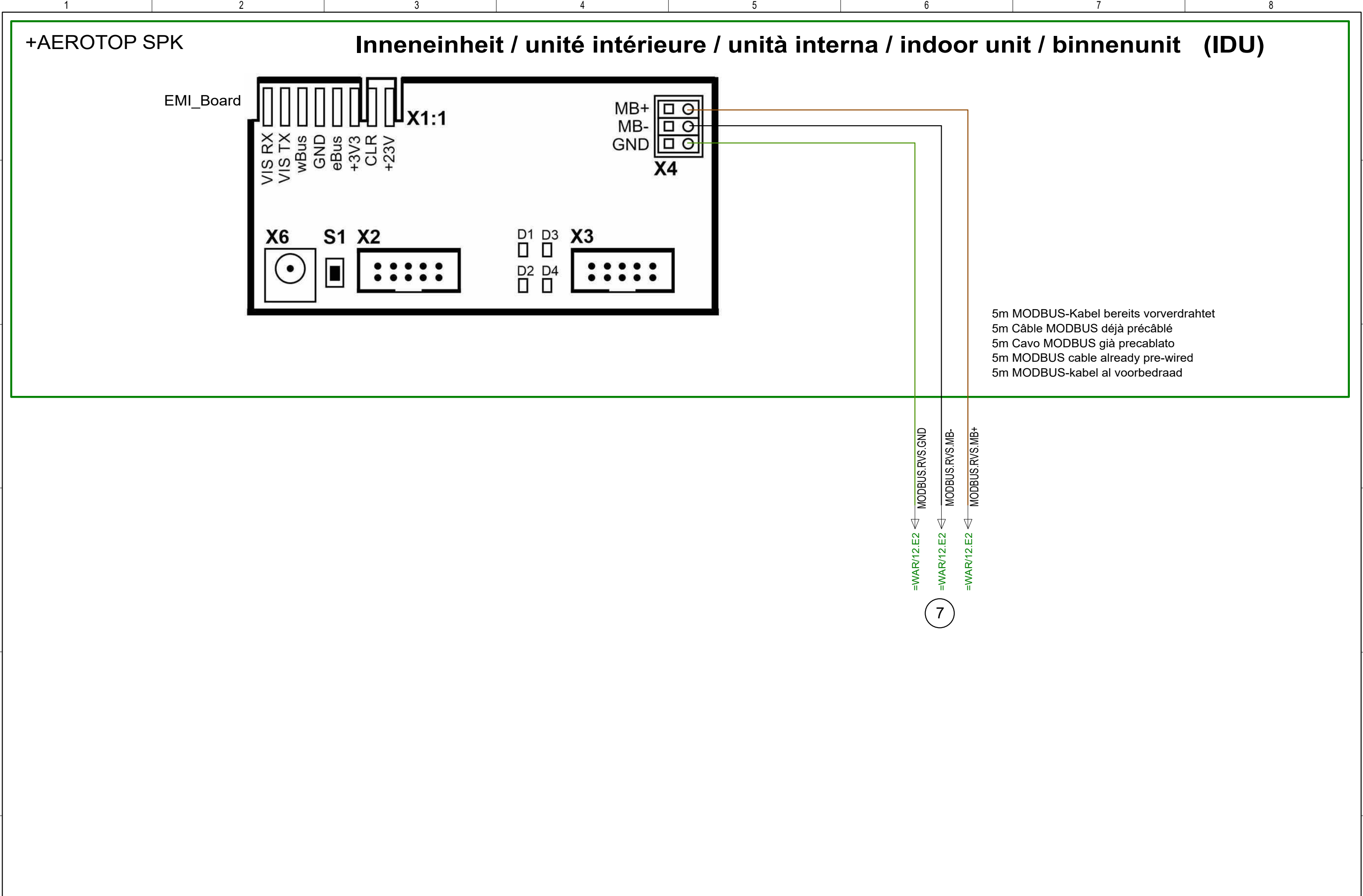
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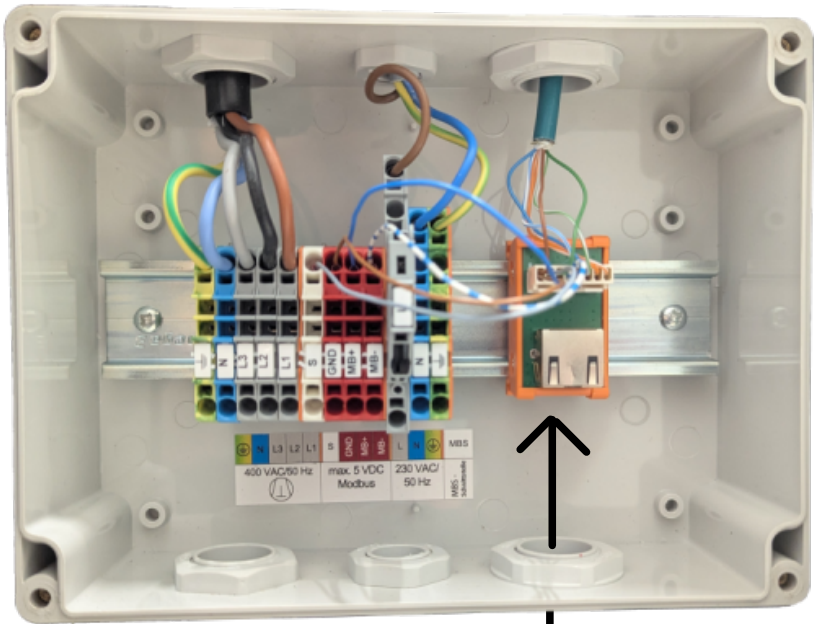
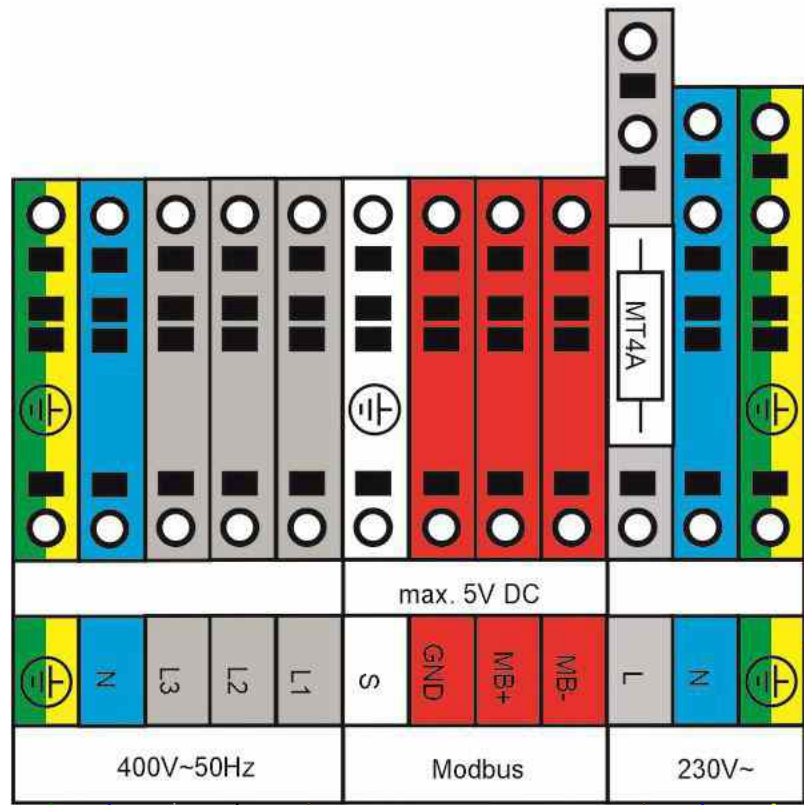


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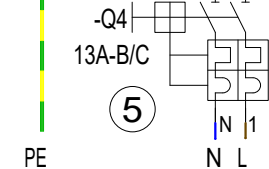
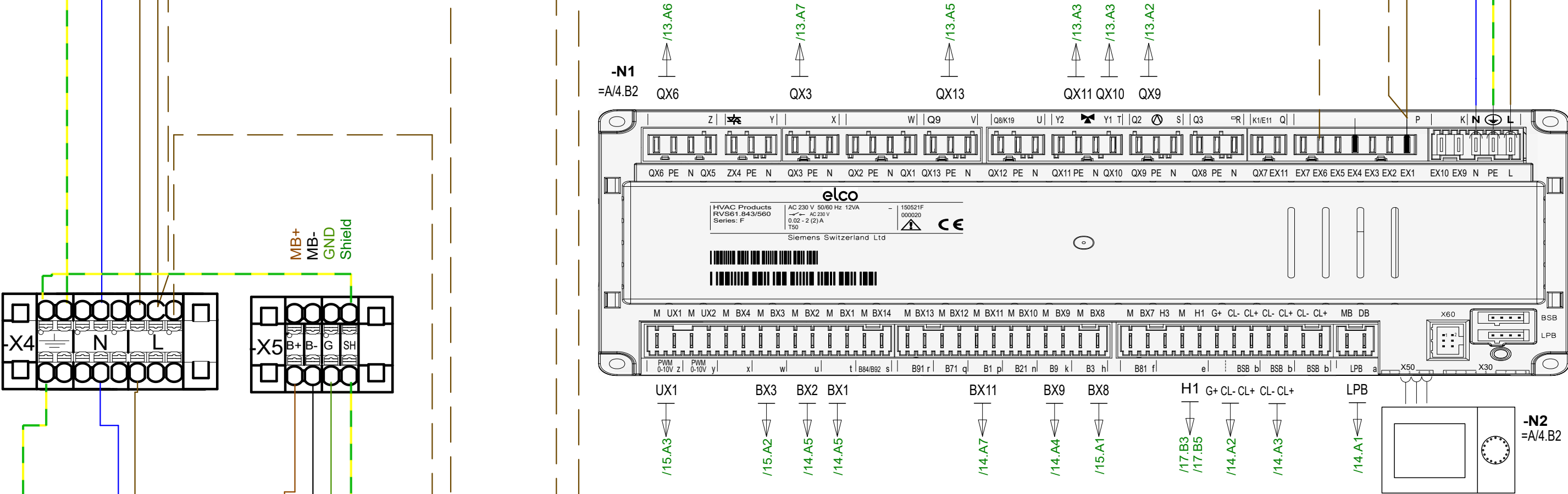
+AEROTOP SPK

Ausseneinheit / Unité extérieure / Unità esterna / Outdoor unit / Buitenunit (ODU)

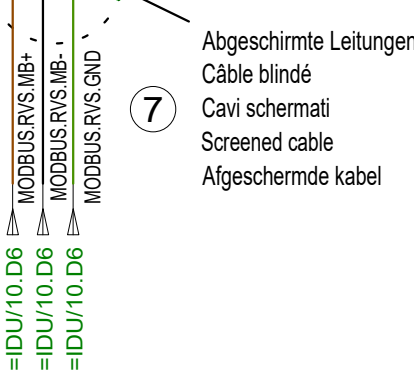


+AEROTOP SPK Wandaufbauregler/Réglateur mural/Controllo a parete/Wall mounted controller/Wandbediening (WAR)

! Brücke entfällt beim Anschluss der EW-Sperre
Enlever le pont avec EW-Barrière
Cavallotto manca se è raccordato EW-Barriera
Remove link when connecting the EW-block
Verwijder de brug in geval van EW-blokkering

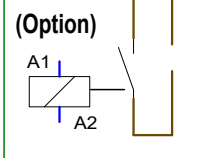


Einspeisung RVS
Alimentation RVS
Alimentazione RVS
Power supply RVS
Voeding RVS
1x230V+N+PE/50Hz

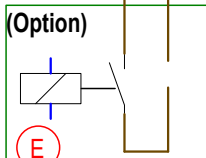


Abgeschirmte Leitungen
Câble blindé
Cavi schermati
Screened cable
Afgeschermde kabel

Einschaltbefehl Photovoltaik (Bauseits)
Commande d'activation photovoltaïque (sur site)
Comando di accensione Fotovoltaico (lato cantiere)
Switch-on command photovoltaic (on-site)
Inschakelopdracht Fotovoltaïsch (door de bouw)



Option Photovoltaik
Option photovoltaïque
Opzione Fotovoltaica
Photovoltaic Option
Optie Fotovoltaïsch



EW-Sperre
EW-Barrière
EW-Barriera
EW-block
EW-blokkering

Bedieneinheit
Unité de commande
Unità di comando
Operator interface
Bedieneenheid

a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm
b	Opt PV/S0 hinzu/Volumenst.	22.10.2025	bm	Dess.		
c				Gepr.	16.01.2025	scd
d				Contr.		
Zustand	Aenderung/Modific.	Datum	Name	Datum	Datum	Name

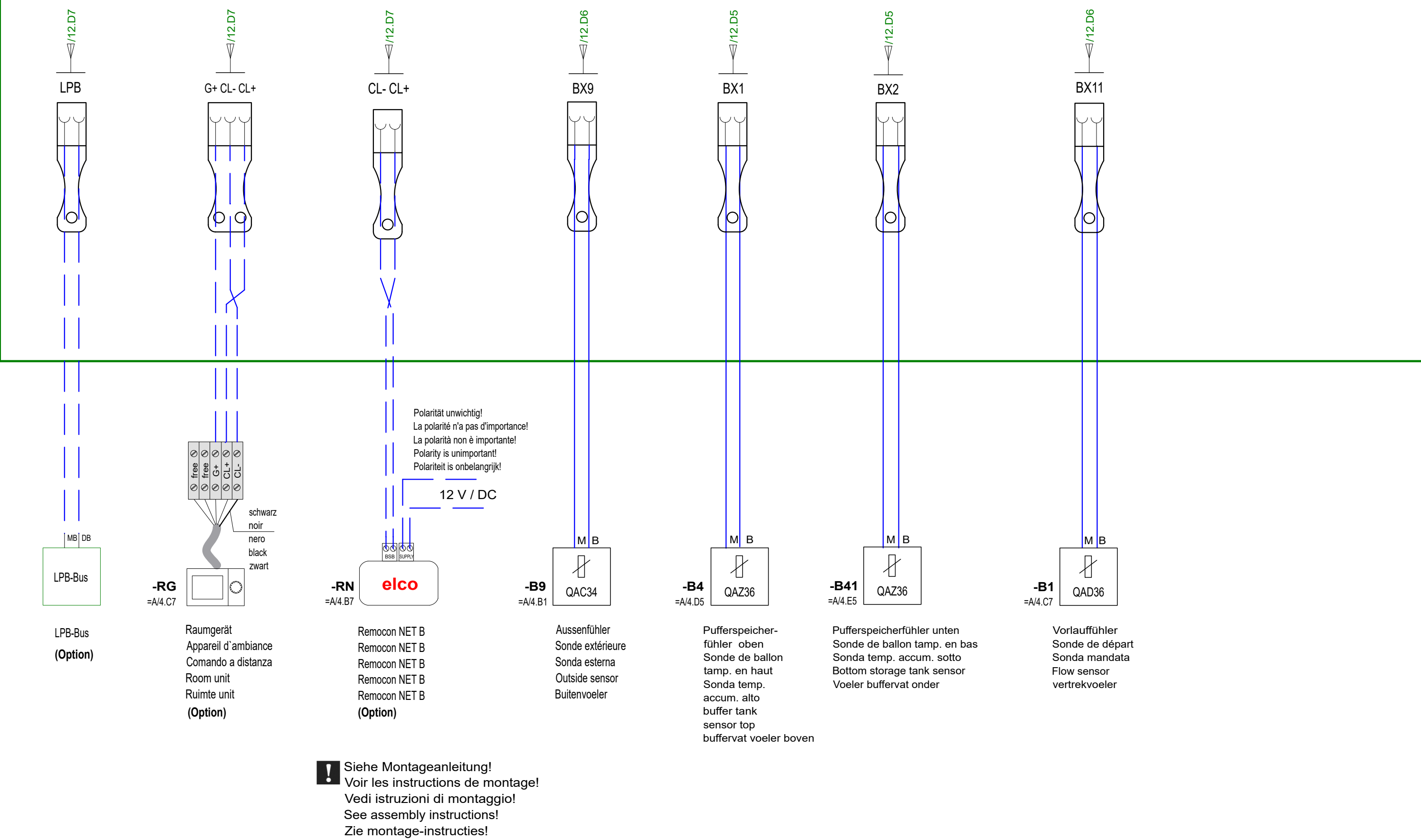


Type	AEROTOP SPK 16/20
Bez./Des.1	Stromlaufplan/Schéma de circuits/Schema circuitale
Bez./Des.2	Circuit diagram / Elektrisch schema

= Anlage:	= WAR	+ Ort:		Blatt/Page	12
Schema/Draw	W02.1.0374	Total Bl./Pg	28		

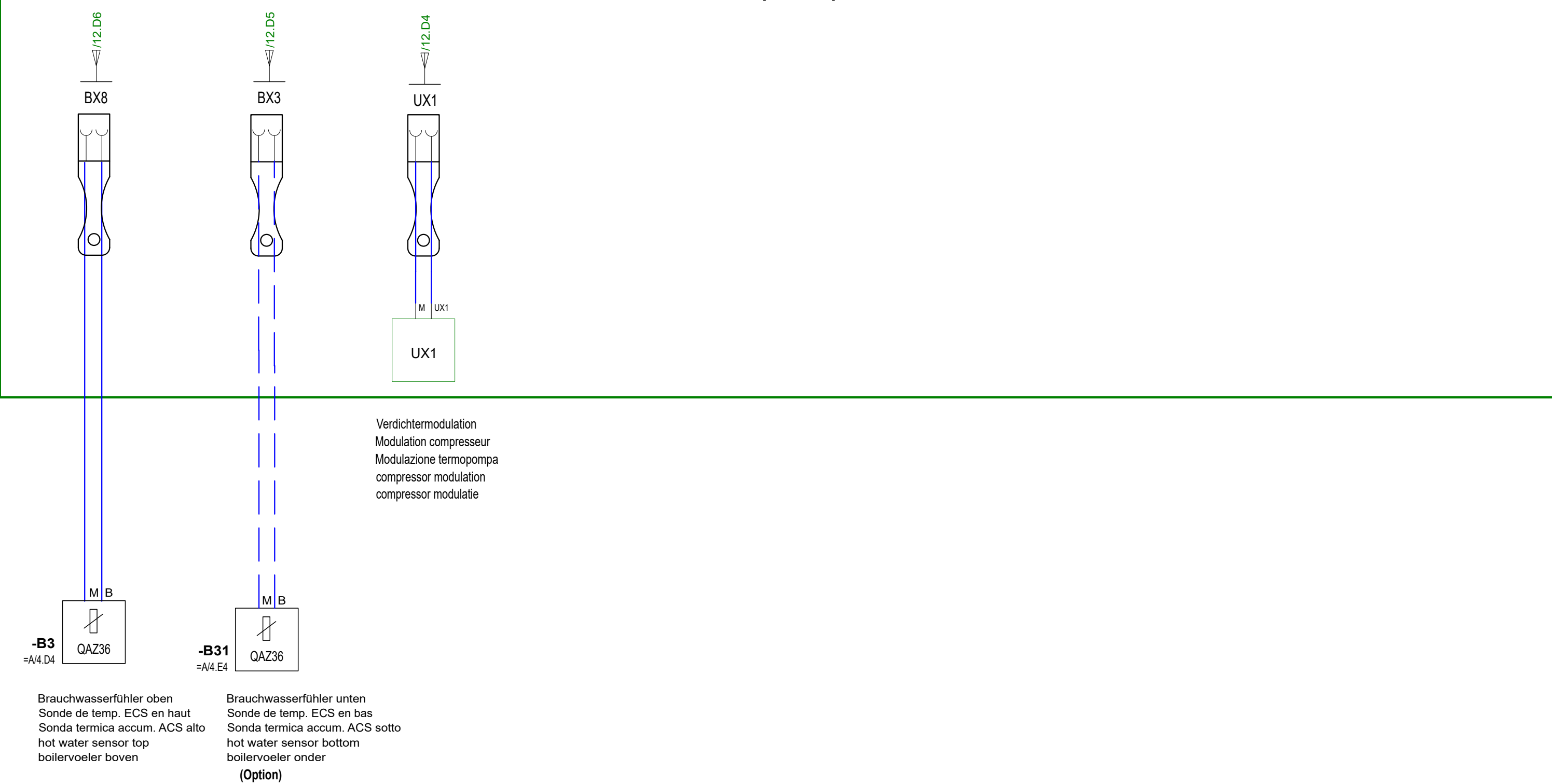
+AEROTOP SPK

Wandaufbauregler/Réglateur mural/Controllo a parete/Wall mounted controller/Wandbediening (WAR)



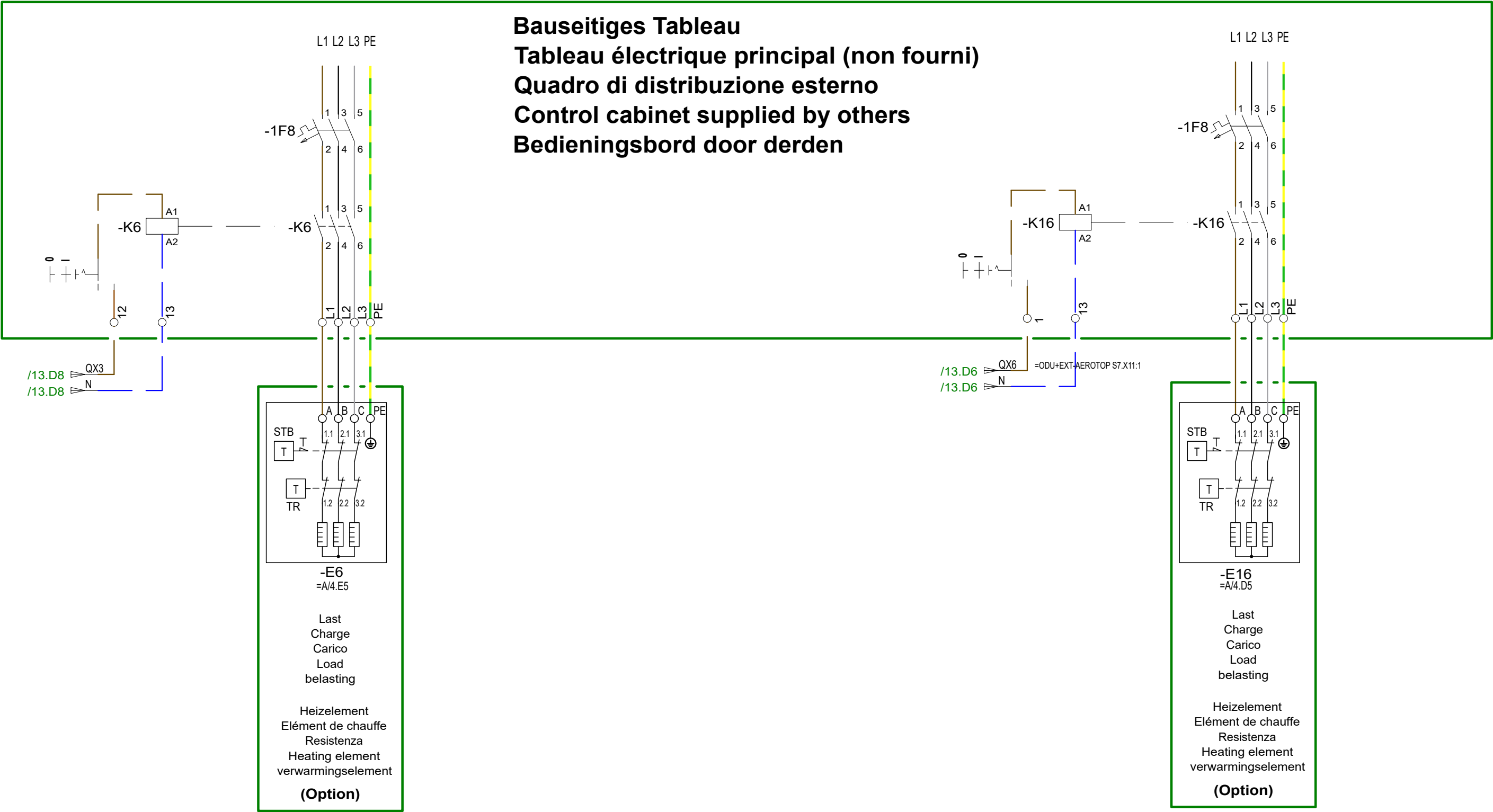
+AEROTOP SPK

Wandaufbauregler/Régulateur mural/Controllo a parete/Wall mounted controller/Wandbediening (WAR)



a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Type	AEROTOP SPK 16/20	= Anlage:	+ Ort:	Blatt/Page 15
b	Opt PV/S0 hinzu/Volumenst.	22.10.2025	bm	Dess.					=WAR			
c				Gepr.	16.01.2025	scd		Bez./Des.1	Stromlaufplan/Schéma de circuits/Schema circuitale	Schema/Draw W02.1.0374		Total Bl./Pg 28
d				Contr.				Bez./Des.2	Circuit diagram / Elektrisch schema			
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name						

Bauseitiges Tableau
Tableau électrique principal (non fourni)
Quadro di distribuzione esterno
Control cabinet supplied by others
Bedieningsbord door derden

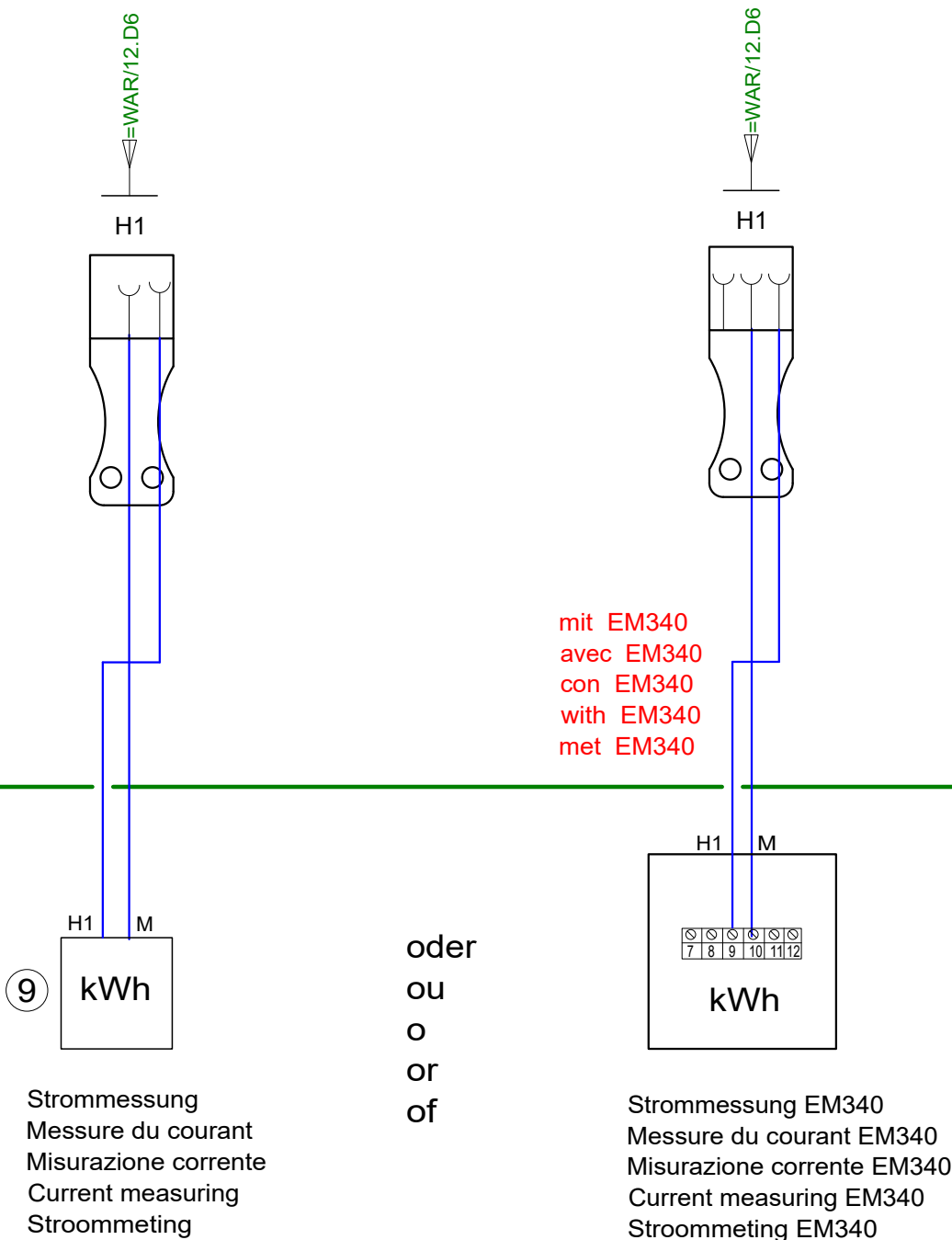


a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Type	AEROTOP SPK 16/20	= Anlage:	+ Ort:	Blatt/Page 16
b	Opt PV/S0 hinzu/Volumenst.	22.10.2025	bm	Dess.					=WAR			
c				Gepr.	16.01.2025	scd		Bez./Des.1	Stromlaufplan/Schéma de circuits/Schema circuitale	Schema/Draw W02.1.0374	Total Bl./Pg 28	
d				Contr.				Bez./Des.2	Circuit diagram / Elektrisch schema			
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name						

Energiezähler / Compteur d'énergie / Contatore energia / Energy meter / Energie meter

Zusätzliche Anschlüsse / Connexions supplémentaires / Connessioni aggiuntive / Additional connections /Extra aansluitingen

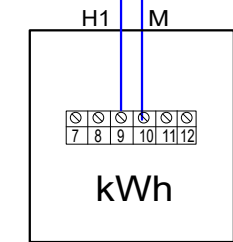
+AEROTOP SPK



9

Strommessung
Mesure du courant
Misurazione corrente
Current measuring
Stroommeting

oder
ou
o
or
of



Strommessung EM340
Mesure du courant EM340
Misurazione corrente EM340
Current measuring EM340
Stroommeting EM340

Nur Pflicht in Deutschland! Ansonsten optional.
Obligatoire uniquement en Allemagne ! Sinon, en option.
Obbligatorio solo in Germania! Altrimenti è facoltativo.
Only mandatory in Germany! Otherwise optional.
Alleen verplicht in Duitsland! Anders optioneel.

a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm	elco	Type	AEROTOP SPK 16/20	= Anlage:	+ Ort:	Blatt/Page	17
b	Opt PV/S0 hinzu/Volumenst.	22.10.2025	bm	Dess.				Bez./Des.1	Zusätzliche Anschlüsse	=WAR			
c				Gepr.	16.01.2025	scd		Bez./Des.2	Energiezähler	Schema/Draw	W02.1.0374	Total Bl./Pg	28
d				Contr.									
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name							

	1	2	3	4	5	6	7	8																																																																																																															
A	<table><tr><td>Menü Menue Menu Menu Menu</td><td>RVS61.843 ZNR</td><td>Ebene Niveau Livello Level Niveau</td><td>Funktion Fonction Funzione Function Functie</td><td>Standardwert Valeur standard Valore standard Standard setting Standaard instelling</td><td>Min. Min. Min. min. min.</td><td>Max. Max. Max. max. max.</td><td>Einheit Unité Unità Unit Eenheid</td><td>Aenderung Modification Modifica Modification Wijziging</td></tr><tr><td colspan="9">Parameter-Checkliste für Inbetriebnahme Check list paramétrage Check list parametri Parameter checklist for startup Parameter checklist voor opstart</td></tr><tr><td colspan="9">Achtung: Werte in Klammer () nur aktivieren, wenn vorhanden Attention: Les valeurs entre parenthèses () activer seulement si la est disponible Attenzione: Valori in parentesi () attivare solo quando disponibile Attention: Activate values in parenthesis () only if present Opgepast: waarden tussen haakjes () enkel activeren indien voorhanden</td></tr><tr><td>B</td><td colspan="8">Wärmepumpe mittels Betriebsarttaste in Standby schalten um unbeabsichtigtes Anlaufen zu verhindern Pompe à chaleur par la touche de mode dans le mode de veille pour éviter tout démarrage accidentel Pompa di calore dal pulsante di modalità di interruttore di attesa per evitare accidentali start-up Heat pump by the mode button in standby switch to prevent accidental start-up Warmtepomp met de modusknop in stand-by om onbedoeld starten te voorkomen</td></tr><tr><td rowspan="4">C</td><td rowspan="4">Bedieneinheit Unité de commande Unità di comando Operator interface Bedieneenheid</td><td>20</td><td>E</td><td>Sprache Langue Lingua Language Taal</td><td>Deutsch Allemand Tedesco German Duits</td><td></td><td></td><td>*</td></tr><tr><td>40</td><td>I</td><td>Einsatz als Utilisation comme Impiego per Use as Gebruik als</td><td>Bediengerät 1 Interface utilisateur 1 Unità di comando 1 Operator unit 1 Bedienapparaat 1</td><td>1</td><td>4</td><td>*</td></tr><tr><td>42</td><td>I</td><td>Zuordnung Raumgerät 1 Affectation unité amb. 1 Asseg. unità amb. 1 Temperature controller 1 assignment Toewijzing Ruimteunit 1</td><td>Heizkreis 1 Circuit de chauffage 1 Circuito riscaldamento 1 Heating circuit 1 Verwarmingscircuit 1</td><td>1</td><td>3</td><td>*</td></tr><tr><td>48</td><td>I</td><td>Wärmer/kälter Gerät 1 Plus chaud/froid appareil 1 Disp. più caldo/più fred Warmer/cooler device 1 Warmen/koeler</td><td>Keine Pas de Nessuna funzione None Geen</td><td>0</td><td>3</td><td>*</td></tr><tr><td rowspan="3">D</td><td rowspan="3">Uhrzeit und Datum horaire et date orario e data Time and date Datum en tijd</td><td>1</td><td>E</td><td>Stunden Heures Ore Hours Uren</td><td></td><td>00:00</td><td>23:59</td><td>hh:mm</td><td>*</td></tr><tr><td>2</td><td>E</td><td>Tag / Monat Jour / mois Mese / giorno day / month Dag / maand</td><td></td><td>1,01</td><td>31,12</td><td>tt.MM</td><td>*</td></tr><tr><td>3</td><td>E</td><td>Jahr An Anno Year Jaar</td><td></td><td>2004</td><td>2099</td><td>jjjj</td><td>*</td></tr><tr><td>E</td><td>Ergänzungen Suppléments Aggiunte Supplements Uitbreidingen</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>F</td><td colspan="8"></td></tr></table>								Menü Menue Menu Menu Menu	RVS61.843 ZNR	Ebene Niveau Livello Level Niveau	Funktion Fonction Funzione Function Functie	Standardwert Valeur standard Valore standard Standard setting Standaard instelling	Min. Min. Min. min. min.	Max. Max. Max. max. max.	Einheit Unité Unità Unit Eenheid	Aenderung Modification Modifica Modification Wijziging	Parameter-Checkliste für Inbetriebnahme Check list paramétrage Check list parametri Parameter checklist for startup Parameter checklist voor opstart									Achtung: Werte in Klammer () nur aktivieren, wenn vorhanden Attention: Les valeurs entre parenthèses () activer seulement si la est disponible Attenzione: Valori in parentesi () attivare solo quando disponibile Attention: Activate values in parenthesis () only if present Opgepast: waarden tussen haakjes () enkel activeren indien voorhanden									B	Wärmepumpe mittels Betriebsarttaste in Standby schalten um unbeabsichtigtes Anlaufen zu verhindern Pompe à chaleur par la touche de mode dans le mode de veille pour éviter tout démarrage accidentel Pompa di calore dal pulsante di modalità di interruttore di attesa per evitare accidentali start-up Heat pump by the mode button in standby switch to prevent accidental start-up Warmtepomp met de modusknop in stand-by om onbedoeld starten te voorkomen								C	Bedieneinheit Unité de commande Unità di comando Operator interface Bedieneenheid	20	E	Sprache Langue Lingua Language Taal	Deutsch Allemand Tedesco German Duits			*	40	I	Einsatz als Utilisation comme Impiego per Use as Gebruik als	Bediengerät 1 Interface utilisateur 1 Unità di comando 1 Operator unit 1 Bedienapparaat 1	1	4	*	42	I	Zuordnung Raumgerät 1 Affectation unité amb. 1 Asseg. unità amb. 1 Temperature controller 1 assignment Toewijzing Ruimteunit 1	Heizkreis 1 Circuit de chauffage 1 Circuito riscaldamento 1 Heating circuit 1 Verwarmingscircuit 1	1	3	*	48	I	Wärmer/kälter Gerät 1 Plus chaud/froid appareil 1 Disp. più caldo/più fred Warmer/cooler device 1 Warmen/koeler	Keine Pas de Nessuna funzione None Geen	0	3	*	D	Uhrzeit und Datum horaire et date orario e data Time and date Datum en tijd	1	E	Stunden Heures Ore Hours Uren		00:00	23:59	hh:mm	*	2	E	Tag / Monat Jour / mois Mese / giorno day / month Dag / maand		1,01	31,12	tt.MM	*	3	E	Jahr An Anno Year Jaar		2004	2099	jjjj	*	E	Ergänzungen Suppléments Aggiunte Supplements Uitbreidingen									F								
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Menü Menue Menu Menu Menu	RVS61.843 ZNR	Ebene Niveau Livello Level Niveau	Funktion Fonction Funzione Function Funcție	Standardwert Valeur standard Valore standard Standard setting Standaard instelling	Min. Min. Min. min. min.	Max. Max. Max. max. max.	Einheit Unité Unità Unit Eenheid	Aenderung Modification Modifica Modification Wijziging
Konfiguration Configuration Configurazione Configuration Configuratie	5700	I	Voreinstellung Préréglage Preselezione Default setting Voorinstelling	---	1	40		23
	5703	I	Voreinstellung 2 Prégréglage 2 Preselezione 2 Default setting 2 Voorinstelling 2	---	1	40		40
	5715	I	Heizkreis 2 Circuit de chauffage 2 Circuito riscaldamento 2 Heating circuit 2 Verwarmingscircuit 2	Aus Arrêt Disinserito OFF Uit	0	1		Ein En Inserito On Aan
	5892	I	Relaisausgang QX3 Sortie de relais QX3 Uscita del relè QX3 Relay output QX3 Relaisuitgang QX3	(Option) (Option) (Opzione) (Option) (Optie)	Kein Aucun Nessuno None Geen	0	83	Elektroheizeinsatz K6 Cartouche électrique chauffante K6 Resistenza elettrica K6 Electric heating element K6 Elektrisch verwarmingselement K6
	5896	I	Relaisausgang QX6 Sortie de relais QX6 Uscita del relè QX6 Relay outputt QX6 Relaisuitgang QX6	(Option) (Option) (Opzione) (Option) (Optie)	Kein Aucun Nessuno None Geen	0	83	Elektroheizeinsatz K16 Cartouche électrique chauffante K16 Resistenza elettrica K16 Electric heating element K16 Elektrisch verwarmingselement K16
	5903	I	Relaisausgang QX13 Sortie de relais QX13 Uscita del relè QX13 Relay output QX13 Relaisuitgang QX13	Kondensatorpumpe Q9 Pompe condenseur Q9 Condensatore della pompa Q9 Condenser pump Q9 Condensorpomp Q9	0	83	Heizkreispumpe HK2 Q6 Pompe circuit chauffage PC2 Q6 Pompa circ risc CR2 Q6 Heating circuit pump HC2 Q6 Verw grp pomp HC2 Q6	
	5932	I	Fühlereingang BX3 Entrée de sonde BX3 Entrata di sonda BX3 Sensor input BX3 Opnemeringang BX3	(Option) (Option) (Opzione) (Option) (Optie)	Kein Aucun Nessuno None Geen	0	45	Trinkwasserfühler B31 Sonde de eau potable B31 Sonda d'acqua potabile B31 Potable water sensor B31 Tapwateropnemer B31
	6070	I	Funktion Ausgang UX1 Fonction sortie UX1 Funzione uscita UX1 Function exit UX1 Funcție uitgang UX1	Parameter nicht ändern! Ne pas modifier les paramètres ! Non cambiare i parametri! Do not change parameters! Verander geen parameters!	Verdichtermodulation Modulation compresseur Modulazione termopompa compressor modulation compressor modulatie	0	35	Verdichtermodulation Modulation compresseur Modulazione termopompa compressor modulation compressor modulatie
	6200	I	Fühler speichern enregistrer sondes registrare sonda Save sensor Opnemer opslaan	Nein Non No No Nee	0	1	Ja Oui Si Yes Ja	
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Opt PV/S0 hinzu/Volumenst.

Aenderung/Modific.

07.04.2025

22.10.2025

Datum

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Gepr. Contr.

Datum

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18.12.2024

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Name

Type

AEROTOP SPK 16/20

Bez./Des.1

Parameterliste

Bez./Des.2

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W02.1.0374

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Phase Aus 1ère phase Hors 1° periodo Off First phase off 1e fase UIT</td><td>22:00</td><td>00:00</td><td>24:00</td><td>hh:mm</td><td>*</td></tr><tr><td rowspan="3">C</td><td rowspan="3">Zeitprogramm Heizkreis 2 Prog horaire circuit chauff 2 Programma orario circuito di riscaldamento 2 Heating circuit 2 timer program Klokprog. verw. groep 2</td><td>520</td><td>E</td><td>Vorwahl Préselection Preselezione Default Voorselectie</td><td>Mo-So Lun-Dim Lu-Do Mo-su ma-zo</td><td></td><td></td><td>*</td></tr><tr><td>521</td><td>E</td><td>1. Phase Ein 1ère phase EN 1° periodo On First phase on 1e fase AAN</td><td>06:00</td><td>00:00</td><td>24:00</td><td>hh:mm</td><td>*</td></tr><tr><td>522</td><td>E</td><td>1. Phase Aus 1ère phase Hors 1° periodo Off First phase off 1e fase UIT</td><td>22:00</td><td>00:00</td><td>24:00</td><td>hh:mm</td><td>*</td></tr><tr><td rowspan="3">D</td><td rowspan="3">Zeitprogramm 4 / TWW Programme horaire 4 / ECS Programma orario 4/ACS timer program 4 / DHW tijdr program 4/DHW</td><td>560</td><td>E</td><td>Vorwahl Préselection Preselezione Default Voorselectie</td><td>Mo-So Lun-Dim Lu-Do Mo-su ma-zo</td><td></td><td></td><td>*</td></tr><tr><td>561</td><td>E</td><td>1. Phase Ein 1ère phase EN 1° periodo On First phase on 1e fase AAN</td><td>00:00</td><td>00:00</td><td>24:00</td><td>hh:mm</td><td>*</td></tr><tr><td>562</td><td>E</td><td>1. Phase Aus 1ère phase Hors 1° periodo Off First phase off 1e fase UIT</td><td>05:00</td><td>00:00</td><td>24:00</td><td>hh:mm</td><td>*</td></tr><tr><td rowspan="2">E</td><td rowspan="2">Ergänzungen Suppléments Aggiunte Supplements Uitbreidingen</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>F</td><td colspan="8"><table><tr><td>a</td><td>Verw.-E-Heizst./4-Puntanb.</td><td>07.04.2025</td><td>bm</td><td>Gez.</td><td>18.12.2024</td><td>bm</td><td rowspan="4"></td><td>Type</td><td colspan="2">AEROTOP SPK 16/20</td><td>= Anlage:</td><td>+ Ort:</td><td>Blatt/Page</td><td>21</td></tr><tr><td>b</td><td>Opt PV/S0 hinzu/Volumenst.</td><td>22.10.2025</td><td>bm</td><td rowspan="3">Gepr. Contr.</td><td rowspan="3">16.01.2025</td><td rowspan="3">scd</td><td>Bez./Des.1</td><td colspan="2">Parameterliste</td><td rowspan="2">=P</td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td></tr><tr><td>c</td><td></td><td></td><td></td><td colspan="2"></td></tr><tr><td>d</td><td></td><td></td><td></td><td colspan="2"></td></tr><tr><td>Zustand</td><td>Aenderung/Modific.</td><td>Datum</td><td>Name</td><td></td><td>Datum</td><td>Name</td><td>Bez./Des.2</td><td colspan="2"></td><td>Schema/Draw</td><td colspan="2">W02.1.0374</td><td>Total Bl./Pg</td><td>28</td></tr></table></td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>								Menü Menue Menu Menu Menu	RVS61.843 ZNR	Ebene Niveau Livello Level Niveau	Funktion Fonction Funzione Function Functie	Standardwert Valeur standard Valore standard Standard setting Standaard instelling	Min. Min. Min. min. min.	Max. Max. Max. max. max.	Einheit Unité Unità Unit Eenheid	Aenderung Modification Modifica Modification Wijziging	B	Zeitprogramm Heizkreis 1 Prog horaire circuit chauff 1 Programma orario circuito di riscaldamento 1 Heating circuit 1 timer program Klokprog. verw. groep 1	500	E	Vorwahl Préselection Preselezione Default Voorselectie	Mo-So Lun-Dim Lu-Do Mo-su ma-zo			*	501	E	1. Phase Ein 1ère phase EN 1° periodo On First phase on 1e fase AAN	06:00	00:00	24:00	hh:mm	*	502	E	1. Phase Aus 1ère phase Hors 1° periodo Off First phase off 1e fase UIT	22:00	00:00	24:00	hh:mm	*	C	Zeitprogramm Heizkreis 2 Prog horaire circuit chauff 2 Programma orario circuito di riscaldamento 2 Heating circuit 2 timer program Klokprog. verw. groep 2	520	E	Vorwahl Préselection Preselezione Default Voorselectie	Mo-So Lun-Dim Lu-Do Mo-su ma-zo			*	521	E	1. Phase Ein 1ère phase EN 1° periodo On First phase on 1e fase AAN	06:00	00:00	24:00	hh:mm	*	522	E	1. Phase Aus 1ère phase Hors 1° periodo Off First phase off 1e fase UIT	22:00	00:00	24:00	hh:mm	*	D	Zeitprogramm 4 / TWW Programme horaire 4 / ECS Programma orario 4/ACS timer program 4 / DHW tijdr program 4/DHW	560	E	Vorwahl Préselection Preselezione Default Voorselectie	Mo-So Lun-Dim Lu-Do Mo-su ma-zo			*	561	E	1. Phase Ein 1ère phase EN 1° periodo On First phase on 1e fase AAN	00:00	00:00	24:00	hh:mm	*	562	E	1. Phase Aus 1ère phase Hors 1° periodo Off First phase off 1e fase UIT	05:00	00:00	24:00	hh:mm	*	E	Ergänzungen Suppléments Aggiunte Supplements Uitbreidingen															F	<table><tr><td>a</td><td>Verw.-E-Heizst./4-Puntanb.</td><td>07.04.2025</td><td>bm</td><td>Gez.</td><td>18.12.2024</td><td>bm</td><td rowspan="4"></td><td>Type</td><td colspan="2">AEROTOP SPK 16/20</td><td>= Anlage:</td><td>+ Ort:</td><td>Blatt/Page</td><td>21</td></tr><tr><td>b</td><td>Opt PV/S0 hinzu/Volumenst.</td><td>22.10.2025</td><td>bm</td><td rowspan="3">Gepr. 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a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez. Dess.	18.12.2024	bm		Type	AEROTOP SPK 16/20		= Anlage:	+ Ort:	Blatt/Page	23																																																																																																										
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Menü Menue Menu Menu Menu		RVS61.843 ZNR	Ebene Niveau Livello Level Niveau	Funktion Fonction Funzione Function Functie		Standardwert Valeur standard Valore standard Standard setting Standaard instelling		Min. Min. min. min.	Max. Max. max. max.	Einheit Unité Unità Unit Eenheid	Aenderung Modification Modifica Modification Wijziging				
Trinkwasser ECS ACS Potable water Tapwater		1610	E	Nennsollwert Consigne nominale Temperatura nominale Nominal setpoint Nom. gew wrde		50		BZ 1612	BZ 1614 OEM	°C	*				
		1612	E	Reduziertsollwert Consigne réduit Temperatura ridotta Setback setting Gewenste wrde gereduceerd		45		8	BZ 1610	°C	*				
		1620	I	Freigabe Déblocage Inserimento Release Vrijgave		Zeitpr. 4/TWW Progr. 4/ECS Progr. 4/ACS timer program 4/DHW tijd programma 4/DHW		0	4		*				
		1630	I	Ladevorrang Priorité charge ECS Priorità di carico Charging priority Laad prioriteit		Absolut Absolue Assoluta Direct Absoluut		0	3		*				
		1640	I	Legionellenfunktion Fonction légionelles Funzione antilegionelle Legionella function Legionella functie		Aus Arrêt Disinserito OFF Uit		0	2		Ev. mit Endkunde besprechen Discuter ev. avec client finale Ev. discutere degli utenti final Discuss with end user if necessary Eventueel met eindgebruiker bespreken				
Wärmepumpe Pompe à chaleur Pompa di calore Heat pump warmtepomp		2880	I	Verwendung Elektro-Vorlauf Utilisation de flux électrique Utilizzo di flusso elettrico application electro-advance Toepassing EL-aanv		Ergänzungsbetrieb HK+TWW Appoint PAC à CC + ECS Funzion. complen. HP+ACS Complem operation HC+DHW Aanvullend bedrijf VG+Tapw		1	7		Ev. mit Endkunde besprechen Discuter ev. avec client finale Ev. discutere degli utenti final Discuss with end user if necessary Eventueel met eindgebruiker bespreken				
		2884	I	Freigabe Elektro-Vorlauf unter TA Libé élec-départ sous T°ext Cons. flusso el.sotto T.ext Release el flow below OT Vrijg EL aanv onder Tbui		-7		-30	30	°C	Ev. mit Endkunde besprechen Discuter ev. avec client finale Ev. discutere degli utenti final Discuss with end user if necessary Eventueel met eindgebruiker bespreken				
Trinkwasser-Speicher Accumulateur ECS Accumulatore ACS Hot water storage tank Tapwater voorraadvat		5023	F	Sollwertreduktion B31 Réduction consigne B31 Riduzione del valore di riferimento B31 Setpoint reduction B31 Gew wrde reductie B31		(Option) (Option) (Opzione) (Option) (Optie)		0	0	20	°C	*			
		5060	I	Elektroeinsatz Betriebsart Régime résistance électrique Regime resistenza elettrica EI imm heater optg mode Bedrijfsoort EL verwarm		(Option) (Option) (Opzione) (Option) (Optie)		Ersatz Remplacement Sostituto Substitute Substituut	1	6		*			
Ergänzungen Suppléments Aggiunte Supplements Uitbreidingen															

a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		TypeAEROTOP SPK 16/20			= Anlage:		+ Ort:		Blatt/Page 24	
b	Opt PV/SO hinzu/Volumenst.	22.10.2025	bm	Gepr.	16.01.2025	scd		Bez./Des.1Parameterliste			=P					
c																
d																
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name		Bez./Des.2			Schema/Draw		W02.1.0374		Total Bl./Pg 28	
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Energiezähler / Compteur d'énergie / Contatore energia / Energy meter / Energie meter Zusätzliche Parameter / Paramètres supplémentaires / Parametri aggiuntivi / Additional parameters / Aanvullende parameters																
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Parameter-Checkliste für Inbetriebnahme Check list paramétrage Check list parametri Parameter checklist for startup Parameter checklist voor opstart																
Achtung: Werte in Klammer () nur aktivieren, wenn vorhanden Attention: Les valeurs entre parenthèses () activer seulement si la est disponible Attenzione: Valori in parentesi () attivare solo quando disponibile Attention: Activate values in parenthesis () only if present Opgepast: waarden tussen haakjes () enkel activeren indien voorhanden																
Wärmepumpe mittels Betriebsarttaste in Standby schalten um unbeabsichtigtes Anlaufen zu verhindern Pompe à chaleur par la touche de mode dans le mode de veille pour éviter tout démarrage accidentel Pompa di calore dal pulsante di modalità di interruttore di attesa per evitare accidentali start-up Heat pump by the mode button in standby switch to prevent accidental start-up Warmtepomp met de modusknop in stand-by om onbedoeld starten te voorkomen																
Konfiguration Configuration Configurazione Configuration Configuratie	5950	I	Funktion Eingang H1 Fonction entrée H1 Funzione ingresso H1 Input H1 function Functie ingang H1	BA-Umschaltung HK's+TWW	0	61		Impulszählung comptage d'impulsions Conteggio impulsi pulse counting pols tellen								
Energiezähler Compteur d'énergie Contatore energia Energy meter Energie meter	3100	I	Impulszählung Ertrag Pulse efficacité de comptage Conteggio impulsi rendimento pulse counting yield puls telrendement	Keine Pas de Nessuna funzione None Geen	0	11		Mit Eingang H1 Avec entrée H1 Con entrata H1 With input H1 Met ingang H1								
	3102	I	Impulseinheit Ertrag Unité d'impulsion efficacité Unità impulsi rendimento Pulse unit yield pulseenheid opbrengst	kWh	0	3		kWh								
	3103	I	Impulswert Energie Zähler numérateur d'énergie de valeur d'impulsion numeratore di energia del valore dell'impulso Pulse value energy numerator pulswaarde energie teller	Für EM340 = 1 Pour EM340 = 1 Per EM340 = 1 For EM340 = 1 voor EM340 = 1	1	1000		*								
	3104	I	Impulswert Energie Nenner Dénominateur d'énergie de la valeur d'impulsion Denominatore di energia del valore dell'impulso Pulse value energy denominator Pulswaarde energie noemer	Für EM340 = 1000 Pour EM340 = 1000 Per EM340 = 1000 For EM340 = 1000 voor EM340 = 1000	1000	0	1000	*								
	3110	I	Abgegebene Wärme Chaleur dégagée Calore emesso Heat delivered Uitgestraalde warmte				kWh	Wert Indication Indicazione valuation waarde								
	3113	I	Eingesetzte Energie Énergie utilisée Energia utilizzata Energy used Gebruikte energie				kWh	Wert Indication Indicazione valuation waarde								
	3116	I	Arbeitszahl Facteur de performance Fattore di prestazione Performance factor Prestatiefactor					Wert Indication Indicazione valuation waarde								
a	Verw.-E-Heizst./4-Puntanb.	07.04.2025	bm	Gez.	18.12.2024	bm		Type	AEROTOP SPK 16/20		= Anlage:		+ Ort:	Blatt/Page	26	
b	Opt PV/S0 hinzu/Volumenst.	22.10.2025	bm					Bez./Des.1	Zusätzliche Parameter		=ZA					
c				Gepr.	16.01.2025	scd			Energiezähler		Schema/Draw		W02.1.0374		Total Bl./Pg	28
d				Contr.				Bez./Des.2								
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name										
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Diagnose Erzeuger Diagnostic générateur Diagnostica gener. di calore diagnostics source Diagnose warmteopwekking	8395	F	Wärmeabgabe Rendement calorifique Uscita di calore Heat output Warmteafgifte		0	999,9	kW	Wert Indication Indicazione valuation waarde
	8397	F	Leistungsaufnahme Puissance consommée Potenza elettrica Power consumption Vermogensopname		0	999,9	kW	Wert Indication Indicazione valuation waarde
	8398	F	Leistungszahl Coefficient de performance Coefficiente di prestazione Coefficient of performance Prestatiecoëfficiënt		0	20		Wert Indication Indicazione valuation waarde
Ergänzungen Suppléments Aggiunte Supplements Uitbreidingen								

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b	Opt PV/S0 hinzu/Volumenst.	22.10.2025	bm	Dess.				Bez./Des.1	Zusätzliche Parameter	=ZA			
c				Gepr.	16.01.2025	scd		Bez./Des.2	Energiezähler	Schema/Draw W02.1.0374		Total Bl./Pg	28
d				Contr.									
Zustand	Aenderung/Modific.	Datum	Name		Datum	Name							

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