

# exvent

## Instruktioner för KNX bus

### OBS!

Läs denna anvisning noggrant innan du installerar aggregatet och spara anvisningen för framtida behov.

Koppla inte KNX bussen till ventilationsaggregatets moderkort innan DUC:en är färdigt programmerad.

### EDA EIB/KNX BUS INSTÄLLNINGAR

Connection RS485  
Baud rate 19200  
EIB Physical Address 1.1.255  
Slave adress 1

### ANVÄNDNING AV VECKOURET VIA EIB/KNX BUSSEN

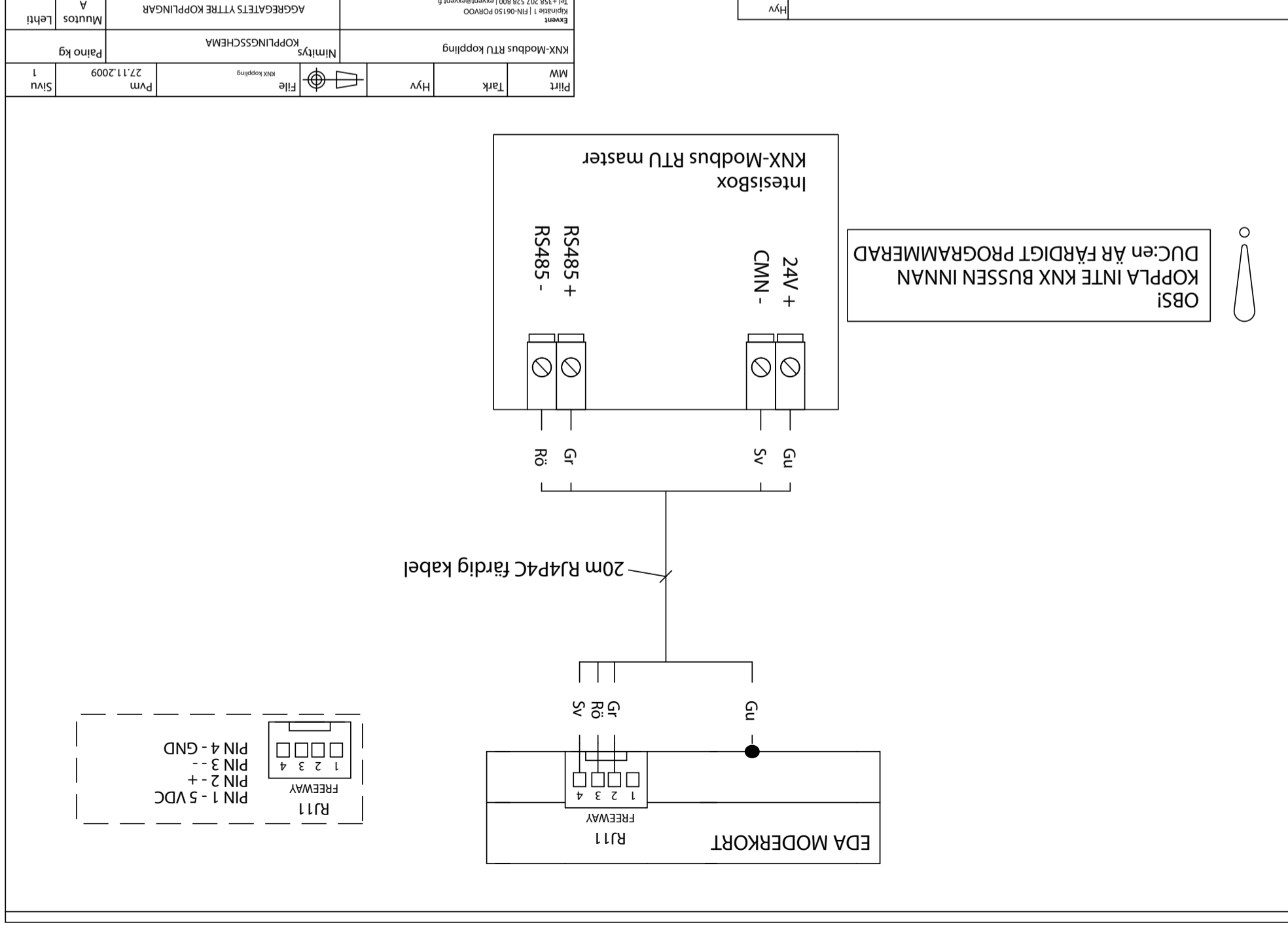
Tidsinställningarna för veckouret görs i EDA automatikens styrpanel. Välj tid och dagar då veckouret är aktivt. Förprogrammeringar kan göras för alla 20 tidsprogram som finns tillgängliga i veckouret. Varje funktion har ett eget nummer. Numren för funktionerna ses på raderna för veckouret i tabellen på nästa sida. Funktionen väljs i EIB bussen och veckouret i fråga aktiveras.

### Exempel:

Veckour 1 har aktiverats via EDA styrpanelen:  
11:00 - 20:00  
Må Ti On

Nummer 2 (P1/S 15/7/26) för Veckour 1 väljs från EIB/KNX bussen. Aggregatet går nu i Långe borta läge från måndag till onsdag, kl 11:00-20:00.

När man inte längre vill använda programmeringen ifråga ändrar man nummer 1 till 0 i EIB/KNX bussen (P1/S 15/7/26).



# EDA Modbus EIB/KNX points

## Coils

Modbus	Name	Info	Type	Read	Write	Min/Max	EIB / KNX Group (P/I/S)
1x0001	Away	Away function on / off	Coil	R	W	0 / 1	15/7/1
1x0002	Away long	Away long function on / off	Coil	R	W	0 / 1	15/7/2
1x0003	Overpressure	Overpressure function on / off	Coil	R	W	0 / 1	15/7/3
1x0004	Cooker hood	Cooker hood indication active / not active	Coil	R	W	0 / 1	15/7/4
1x0005	Central vacuum cleaner	Central vacuum cleaner indication active / not active	Coil	R	W	0 / 1	15/7/5
1x0006	Max heating	Max heating function on / off	Coil	R	W	0 / 1	15/7/6
1x0007	Max cooling	Max cooling function on / off	Coil	R	W	0 / 1	15/7/7
1x0010	Manual forcing	Manual forcing function on / off	Coil	R	W	0 / 1	15/7/8
1x0012	Summernight cooling	Summernight cooling function on / off	Coil	R	W	0 / 1	15/7/9
1x0041	Alarm A	A alarm indication	Coil	R	W	0 / 1	15/7/10
1x0042	Alarm B	B alarm indication	Coil	R	W	0 / 1	15/7/11

## Holding registers

Modbus	Name	Info	Type	Read	Write	Min/Max	EIB / KNX Group (P/I/S)
3x0006	Outside air temperature	Outside air temperature measurement. Register value = temperature measurement * 101	Holding register	R		-40 - 50 °C	15/7/12
3x0007	HRC Supply air temperature	Supply air temperature measurement subsequent to HRC. Register value = temperature measurement * 101	Holding register	R		-40 - 50 °C	15/7/13
3x0008	Supply air temperature	Supply air temperature measurement. Register value = temperature measurement * 101	Holding register	R		-40 - 50 °C	15/7/14
3x0009	Waste air temperature	Waste air temperature measurement. Register value = temperature measurement * 101	Holding register	R		-40 - 50 °C	15/7/15
3x0010	Exhaust air temperature	Exhaust air temperature measurement. Register value = temperature measurement * 101	Holding register	R		-40 - 50 °C	15/7/16
3x0011	HRC Exhaust air temperature	Exhaust air temperature measurement prior to HRC (Heat pump units). Register value = temperature measurement * 101	Holding register	R		-40 - 50 °C	15/7/17
3x0012	Returnwater temperature	Returnwater temperature measurement. Register value = temperature measurement * 101	Holding register	R		-40 - 50 °C	15/7/18
3x0013	Exhaust air humidity	Exhaust air humidity measurement.	Holding register	R		0 - 100%	15/7/19
3x0029	HRC supply efficiency	HRC efficiency at supply side.	Holding register	R		0 - 100%	15/7/20
3x0030	HRC exhaust efficiency	HRC efficiency at exhaust side.	Holding register	R		0 - 100%	15/7/21
3x0035	48h humidity average	Humidity measurement average over past 48h	Holding register	R		0 - 100%	15/7/22
3x0046	Room temperature average	Room temperature average counted from all room sensors in use. Register value = temperature measurement * 101	Holding register	R		-40 - 50 °C	15/7/23
3/16x0053	Ventilation output	Requested ventilation output (requested from operating panel)	Holding register	R	W	20 - 100	15/7/24
3/16x0135	Temperature request	Temperature setpoint for corresponding control type	Holding register	R	W	10 - 40 °C	15/7/25
3/16x0215	Week timer program 1/20 function	Week timer 1 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/26
3/16x0221	Week timer program 2/20 function	Week timer 2 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/27
3/16x0227	Week timer program 3/20 function	Week timer 3 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/28
3/16x0233	Week timer program 4/20 function	Week timer 4 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/29
3/16x0239	Week timer program 5/20 function	Week timer 5 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/30
3/16x0245	Week timer program 6/20 function	Week timer 6 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/31
3/16x0251	Week timer program 7/20 function	Week timer 7 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/32
3/16x0257	Week timer program 8/20 function	Week timer 8 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/33
3/16x0263	Week timer program 9/20 function	Week timer 9 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/34
3/16x0269	Week timer program 10/20 function	Week timer 10 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/35
3/16x0275	Week timer program 11/20 function	Week timer 11 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/36
3/16x0281	Week timer program 12/20 function	Week timer 12 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/37
3/16x0287	Week timer program 13/20 function	Week timer 13 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/38
3/16x0293	Week timer program 14/20 function	Week timer 14 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/39
3/16x0299	Week timer program 15/20 function	Week timer 15 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/40
3/16x0305	Week timer program 16/20 function	Week timer 16 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/41
3/16x0311	Week timer program 17/20 function	Week timer 17 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/42
3/16x0317	Week timer program 18/20 function	Week timer 18 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/43
3/16x0323	Week timer program 19/20 function	Week timer 19 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/44
3/16x0329	Week timer program 20/20 function	Week timer 20 timeprogram function, 0=No function, 1=Away function, 2=Away long function, 3=Heating blocked, 4=Cooling blocked, 5=Temperature drop, 6=Max heating, 7=Max cooling, 8-15=AC fan speed 1-8, 16=DO time relay, 20-100=EC fan speed 20-100%	Holding register	R	W	0 - 100	15/7/45