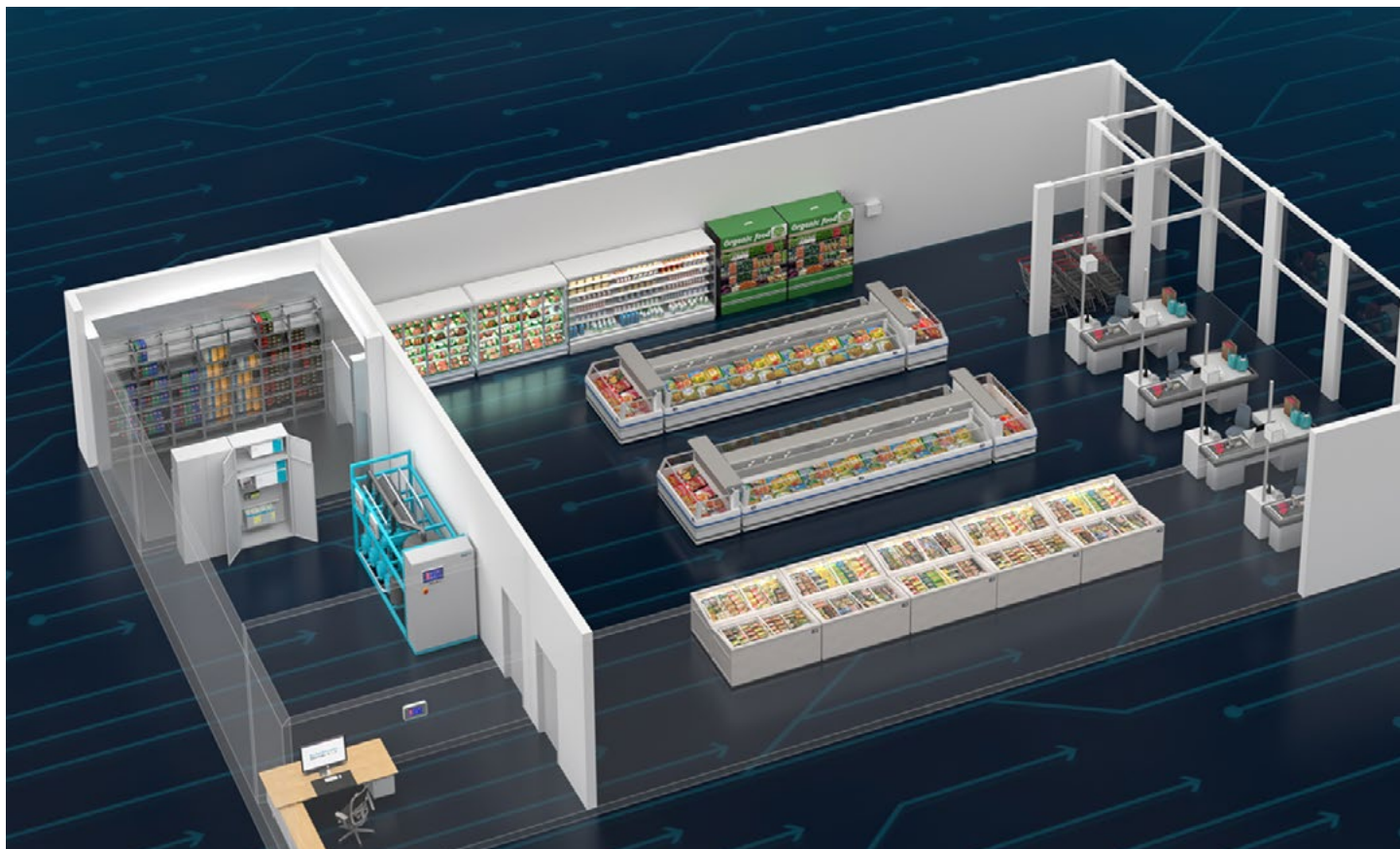


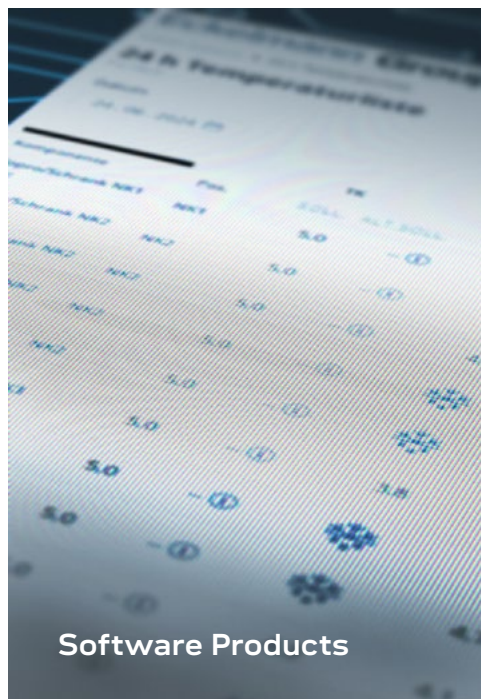


Virtus LINE

Hard- & software for automation of refrigeration systems, refrigerated display cases & cold rooms

Price list 2026

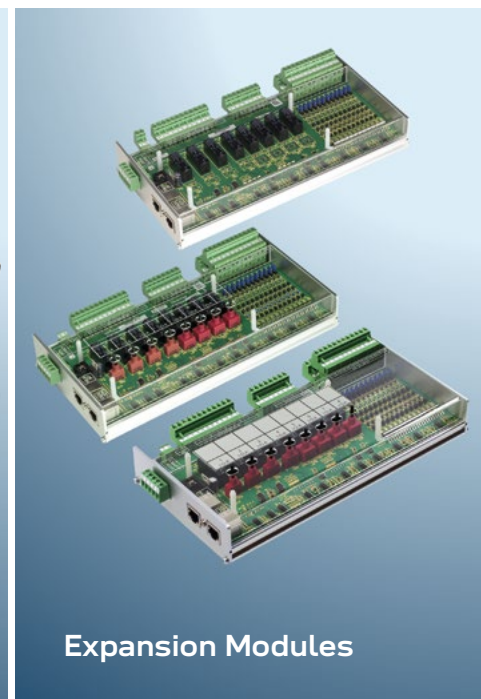




Software Products



System Central &
Operation Terminal



Expansion Modules



Compound Controls



Refrigeration Controllers



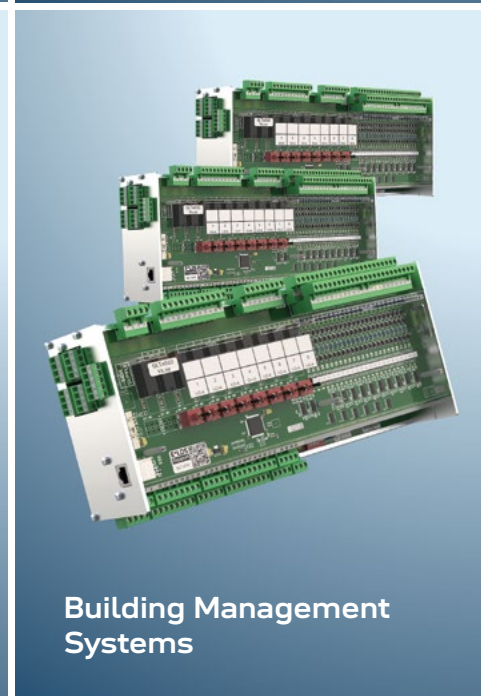
Temperature Displays &
Control Devices



Receiver Module &
Wireless Sensors



Compact Cabinets &
Alarm Boxes



Building Management
Systems

Networked control solutions for refrigeration and building management systems

With "Virtus LINE," we are introducing a new product line that will replace the E*LDS product line in the future. It includes hardware and software for automating refrigeration systems, refrigerated display cases, and cold rooms.

The Virtus LINE product line includes the Virtus Pro, Virtus Caelum, and Virtus Tectum Grid product series.

"Virtus Pro" stands for the hardware products: Virtus 5/VPC 5000/VCC 500/VDD 500 as well as expansion modules for customer-specific adaptation of the functions of a refrigeration system.

Take advantage of our ordering service and our range of services

Orders:

Please send your exact delivery address and desired delivery date to:

bestellungen@eckelmann.de

Inquiries about offers and support:

elds-support@eckelmann.de

Electronic documentation platform E°EDP:

With E°EDP, you have access to the latest data sheets, operating instructions, software, and technical expertise relating to E*LDS refrigeration technology at any time.

The web application runs in any standard browser on PCs, tablets, and smartphone – even offline if necessary, e.g., during commissioning without an internet connection.

The data sheets and operating instructions can also be accessed without registration:

<https://edp.eckelmann.de/edp/lds/start>



Service hotline:

Weekdays from 9 a.m. to 3 p.m. for all topics related to Eckelmann control and regulation systems for refrigeration systems, to support service technicians and system planners.

+49 611 7103-700

Training courses:

Training courses for service technicians in-house, at your premises, or online.

<https://www.eckelmann.de/en/service-and-support/trainings>



Repair service:

For defective devices manufactured by Eckelmann in Wiesbaden. Inspection for a flat fee and, if applicable, offset against the repair price. Costs available on request.

elds-support@eckelmann.de

Commissioning and/or planning support:

Details and prices available on request.

elds-support@eckelmann.de



Price list 2026

Virtus Caelum Apps		Order no.	Price (€)
Virtus Basic Desk			
Use of the license per system and month		E_00002565	On request
Virtus Alarm Desk			
Use of the license per system and month		E_00002566	On request
Virtus HACCP Desk			
Use of the license per system and month		E_00005866	On request

Virtus Caelum		Order no.	Price (€)
Virtus Caelum Marktlayout			
Creation of the market layout in consultation with the refrigeration specialist. Deposit of a background plan of the market, service fee per market		E_00003976	On request
Customizing a market layout according to customer specifications		E_00005943	On request
Onboarding			
Clarification of connection parameters to the market, Establishment of IP connection to the market		E_00005944	On request
VPN access			
Establishing a VPN connection for Eckelmann AG		E_00005945	On request
Use of a VPN connection from Eckelmann AG per month		E_00005946	On request
VPN access		Discount group P	
Hardware for establishing a secure VPN connection		PCZSORED20	1.600,00

System control centre and operating terminal

Order no.

Price (€)



Virtus 5 system central unit for panel mounting

Discount group A

VSC 5410: S0-/M-Bus meter, BMS, Modbus, LAN successor for CI 3x00/CI 4x00/CI 5x00	KGLVSC5410	5.022,00
VSC 5510: same as VSC 5410 plus CAN bus repeater function	KGLVSC5510	5.527,00
Upgrade from VSC 501C to VSC 5410	E_00006687	590,00
Upgrade from VSC 5410 to VSC 5510	KGLUPVSC45	560,00

Discount group K

Required accessories: mounting frame	KGLRAHMEN2	65,00
---	------------	-------

Extension module SIOX 12/8 for CI 4000 series, CI 3000/CI 3100 for top-hat rail mounting

Discount group C

Without manual switch	LISIOX0011	814,00
With manual switch (Auto/Hand)	LISIOX0012	1.121,00

Operating terminal for panel mounting

Discount group B

AL 300 W	LIAL300052	1.251,00
----------	------------	----------

Accessories for system central unit and operating terminal		Order no.	Price (€)
      	Mounting frame for fixing in the control cabinet door	Discount group K	
	Virtus 5, CI 5x00, CI 4x00	KGLRAHMEN2	65,00
	SIOX data cable for Virtus 5, CI 5x00, CI 4x00 and SIOX	Discount group K	
	0,4 m	KABLIND001	36,00
	0,7 m	KABLIND002	39,00
	2,0 m	KABLIND003	32,00
	5,0 m	KABLIND007	37,00
	SIOX supply line for Virtus 5, CI 5x00, CI 4x00 and SIOX	Discount group K	
	0,7 m	KABLIND005	68,00
	2,0 m	KABLIND006	74,00
	USB cable	Discount group L	
	For Virtus 5, CI 5x00, CI 4x00, UA 400 series, WR 300	PCZKABUSB1	15,50
	Null modem cable RS232	Discount group L	
	For connecting the PC to Virtus 5, CI 5x00, CI 4x00 and compound controls length: 3.0 m	PCZKABSER2	19,50
	Extension cable RS232	Discount group L	
	Also for M-Bus level converters length: 1,8 m	PCZKABSER3	18,50
	Integration of AHT chest package set incl. gateway and Y-cable	Discount group K	
	Package for Danfoss-SLV-controller	KGLAHTAD01	2.065,50
	Package for Wurm controller	KGLAHTAD02	1.875,00
	Package for Danfoss-SLV- and Wurm controller	KGLAHTAD03	3.666,00
		Discount group L	
	Required accessories for KGLAHTAD01 and KGLAHTAD03: Power supply unit	KGLNT24V1P	173,00

Accessories for system central unit and operating terminal

Order no.

Price (€)



EPROM for Firmware-Update of AL 300

Discount group K

AL 300 S/AL 300 W	PROMELIAL1	115,00
-------------------	------------	--------

Mating connector set

Discount group K

AL 300 S/AL 300 W	STVSETAL01	49,00
SIOX 12/8, without handset	STVSETSI01	43,00
SIOX 12/8, with manuel handset	STVSETSI02	44,00
Virtus 5	STVSETVSC5	57,50

CAN-Bus

Order no.

Price (€)



Terminal set with terminating resistor for CAN Bus

Discount group L

Two COMBICON connectors with integrated terminating resistor 100 Ohm, 0.25 W for all E*LDS components with CAN-Bus	KGLCANTERM	45,00
--	------------	-------

Terminating for CAN-Bus

Discount group L

100 Ohm, 0,25 W	W100R00004	0,50
-----------------	------------	------

CAN-Bus-repeater

Discount group K

For extending a CAN bus segment, incl. 4 terminating resistors á 100 OHM for top- hat rail mounting	E_00004400	800,00
---	------------	--------

Discount group L

Required asccessories: Power supply unit	KGLNT24V1P	173,00
---	------------	--------

Interconnection controls	Order no..	Price (€)
--------------------------	------------	-----------



Compound controls for the top hat rail mounting

Discount group M

Virtus Pack Controller – VPC 5000	KGLVPC5000	4.608,00
Extension module VPC Extended – VPC XT 5000	E_00005962	1.200,00

Discount group D

VS 3010: for compound- and condenser control	LIVS301011	2.490,00
VS 3010 BS: for booster satellite systems	LIVS301012	2.490,00
FS 3010: for compound liquid refrigeration	LIVS301014	On request
VS 3010 CT: for transcritical R744 booster systems	LIVS301017	2.808,00
VS 3015 CT: or transcritical booster units with NK/TK/parallel compressor, ejector	LIVS301519	4.206,50
VS 3010 C: for transcritical R744 booster systems	LIVS301015	2.490.00
VS 3015 C: or transcritical booster units with NK/TK/parallel compressor, ejector	LIVS301518	4.206,50

Extension module SIOX 12/8 for top-hat rail mounting, with manual switch (Auto/Manual)

Discount group C

for VS 3000, VS 3010, VS 3010 BS, VS 3015	LISIOX0012	1.121,00
for FS 3000, FS 3010	LISIOX0014	On request
SIOX 12/8 with SSR and Schalter for VS 3015 CT	LISIOX0015	On request

Accessories for compound controls	Order no.	Price (€)
-----------------------------------	-----------	-----------



SIOX supply line from VS 301x for all compound controls

Discount group K

0,4 m	KABLIND001	36,00
0,7 m	KABLIND002	39,00
2,0 m	KABLIND003	32,00
5,0 m	KABLIND007	37,00

Accessories for compound controls

Order no.

Price (€)



SIOX supply line from VS 301x for all compound controls

Discount group K

0,7 m	KABLIND005	68,00
2,0 m	KABLIND006	74,00

Pressure 4..20 mA, incl. cable 1,5 m

Discount group K

0..10 bar absolute	KGLZDRUCK3	173,00
1..26 bar absolute	KGLZDRUCK4	173,00
1..61 bar absolute	KGLZDRUCK5	285,50
1..161 bar absolute	KGLZDRUCK6	285,50

Cylinder head Pt1000 (2-wire)

Discount group K

Brass incl. Silicone cable 2,4 m	KGLZPTZYLM	98,00
----------------------------------	------------	-------

Brine temperature for immersion sleeve Compressed gas sensor for CO2 application

Discount group L

Pt1000 (2-wire) 1,0 m	KGLZPT1KTH	43,00
-----------------------	------------	-------

Outdoor and market sensors for wall mounting

Discount group K

Pt1000 (4-wire)	KGLZPT1000	222,00
-----------------	------------	--------

Humidity and temperature sensor for wall mounting

Discount group K

Pt1000 (4-wire)/4..20 mA	KGLZPTHYGR	430,00
--------------------------	------------	--------

Flash cable für composite controls

Discount group K

Date line for firmware update, connects PC with interconnected controllers of the VS 3010 series	KABLINDAD1	86,00
--	------------	-------

Discount group L

Required accessories: null modem cable	PCZKABSER2	19,50
---	------------	-------

Accessories for compound controls		Order no.	Price (€)
	Set for parallel compressors	Discount group K	
	For top-hat rail mounting, incl. module with 4 analogue outputs 0..10 V, 2 terminating resistors and 1 terminal	MODBAOUTPV	366,00
		Discount group L	
	Required accessories: Power supply unit	KGLNT24V1P	173,00
	Modbus relay module	Discount group K	
	For top-hat rail mounting, Modbus module with 4 relay outputs and manual switch level	MODBDOUT04	304,00
		Discount group L	
	Required accessories: Power supply unit	KGLNT24V1P	173,00
	Mating connector set	Discount group L	
	VS 3010	STVSETVS10	91,50
	VS 3015 CT	STVSETVS16	91,00
		Discount group K	
	FS 3010	STVSETVS12	91,50
	VS 3010 BS	STVSETVS11	91,50
	VS 3010 C	STVSETVS14	91,50
	VS 3015 C	STVSETVS15	91,50
	VS 3010 CT	STVSETVS20	91,50
	SIOX 12/8, with switches	STVSETSI02	44,00
	SIOX 12/8, for FS 3010	STVSETSI04	57,00
	Power supply unit	Discount group L	
	Power supply unit EC24 for VS 301x xx composite control 230/115 Vac	NTEC24QUEL	400,00

Refrigeration controllers

Order no.

Price (€)



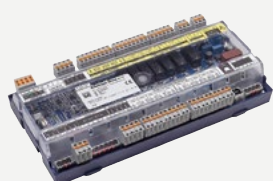
VCC 500 refrigeration controller

Discount group N

Universally applicable controller for controlling electronic expansion valves (EEV) for refrigerated cabinets with and without defrost heating, service counters, deep-freeze cabinets, refrigerated and deep-freeze rooms, refrigerant subcoolers; Control of up to 2 cooling points, each with one EEV pulse width modulated, 230 V AC/50 Hz or continuous, via 2 analog outputs 0..10 V

E_00004197

950,00



UA 400 E Refrigeration controller for 2 electronic expansion valves (EEV) for top-hat rail mounting, with spring-loaded terminals

Discount group F

UA 410 E AC, CAN-Bus, stand-alone, internal archive, with 2 analogue inputs/ and outputs

KGLUA4N011

763,50

UA 400 E CC, CAN-Bus

KGLUA4N012

728,50

UA 400 E Kühlstellenregler für 2 elektronische Expansionsventile (EEV) zur Hutschienenmontage, mit Federzugklemmen

Discount group F

UA 400 E CC, CAN-Bus

KGLUA4E012

934,00

UA 410 E AC, CAN-Bus, Stand-Alone, internes Archiv, mit je 2 analogen Ein-/und Ausgängen

KGLUA4E016

953,50

UA 410 L Temperature recording controller for top-hat rail mounting, with spring-loaded terminals

Discount group F

UA 410 L AC, CAN bus, stand-alone, internal archive, with 2 analog inputs and 2 analog out-

KGLUA4L016

840,00

UA 410 D refrigeration for discount stores for 2 thermostatic expansion valves (TEV) for top-hat rail mounting with spring-loaded terminals

Discount group F

UA 410 D AC, CAN bus, stand-alone, internal archive, with 2 analog inputs and 2 analog outputs each

KGLUA4D016 discontinued

1.080,00

Refrigeration controllers		Order no.	Price (€)
	UA 30 Compact cooling unit controller with display and	Discount group H	
	UA 30 RC top-hat rail mounting, 230 V AC	EAGUA30RC	198,50
	UA 30 RS panel mounting, 12 V AC/DC	EAGUA30RS	182,00
	Discount group L		
	Required accessories: Transformer	EAGTRUA30	80,00
	Power supply unit	Discount group L	
	Power supply unit EC11 for UA 300 CS 230/115 Vac	NTEC11QUEL	141,00

Accessories for refrigeration controllers		Order no.	Price (€)
	Temperature sensor (NTC) L243 (-45...+35 °C)	Discount group K	
	5,8 m, uncalibrated, IP 68	E_00005217	45,00
	8,5 m, uncalibrated	KGLZTEMP80	49,00
	5K3A1 (0...+80 °C)	Discount group L	
	8,5 m, uncalibrated	KGLZ5K3A1	50,00
	5K3A1 (0...+120 °C)	Discount group L	
	8,5 m, uncalibrated, with silicone cable	KGLZ5K3A1S	116,50
	L243 (-50...+50 °C)	Discount group K	
With plug-in contacts, uncalibrated (replacement for type K243)		KGLZL243	17,50
Housing for temperature sensor		Discount group L	
For wall mounting (e.g. in cold rooms) of up to two temperature sensors L243, 5K3A1 and TS 30 XW		GEHTEMPE01	22,50

Accessories for refrigeration controllers

Order no.

Price (€)



Pressure transmitter 4..20 mA, incl. cable 1,5 m

Discount group K

0..10 bar absolute	KGLZDRUCK3	173,00
1..26 bar absolute	KGLZDRUCK4	173,00
1..61 bar absolute	KGLZDRUCK5	285,50
1..161 bar absolute	KGLZDRUCK6	285,50

Humidity and temperature sensor for wall mounting

Discount group K

Pt1000 (4-wire)/4..20 mA	KGLZPTHYGR	430,00
--------------------------	------------	--------

USB cable

Discount group L

For Virtus 5, CI 5x00, CI 4000 series, UA 400 series, WR 300	PCZKABUSB1	15,50
---	------------	-------

Mating connector set *coded spring-loaded terminals

Discount group K

UA 400 AC/UA 400 CC *	STVSETUAB3	57,50
UA 410 E AC *	STVSETUAB2	63,50
UA 410 L AC *	STVSETUAB4	57,50

Discount group L

UA 400 E CC *	STVSETUAB1	57,50
---------------	------------	-------

Accessories for compact refrigeration controllers

Order no.

Price (€)



Transformer for UA 30 RS

Discount group L

$U_{IN} = 230 \text{ V AC} / U_{OUT} = 12 \text{ V AC}, 5 \text{ VA}$	EAGTRUA30	80,00
---	-----------	-------

Connecting cable UA 30 to RJ45

Discount group L

1,5 m	KABLIUA301	39,00
4,0 m	KABLIUA302	38,00

Price list 2026

Accessories for compact refrigeration controllers	Order no.	Price (€)
---	-----------	-----------



UA 30 Hot Key

To copy settings from
UA 30 controllers

Discount group K

KGLKEYUA30 35,00

Control units for UA 300/UA 400/WR 300	Order no.	Price (€)
--	-----------	-----------



BT 300 M

For service and customer service
2 .8 m connection cable

Discount group B

LIBDTUA052 432,00

BT 300 S

For panel mounting

Discount group B

LIBT300S51 301,00

Temperature display for UA 300/UA 400/WR 300	Order no.	Price (€)
--	-----------	-----------



VDD 500

For panel mounting, for connection to
a UA 4xx/VCC, with 9-pin DIP switch,
white LED display, protection class IP40,
only compatible with cooling point
controllers from V3.20 onwards

Discount group O

KGLVDD500E 83,00

BT 30

For panel mounting,
for connection to a UA 300/UA 400,
COMBICON plug included,
7.0 m connection cable (RJ45),
Front protection class: IP65

Discount group K

BT30LC0002 184,50

Accessories for temperature displays

RJ45 distributor for connecting
up to 4 BT 30 for DIN rail mounting,
including connection cable

Discount group K

KGLVERTBT1 72,50

Receiving modules	Order no.	Price (€)
-------------------	-----------	-----------



Receiver for Wireless Sensors TS 30 for wall mounting

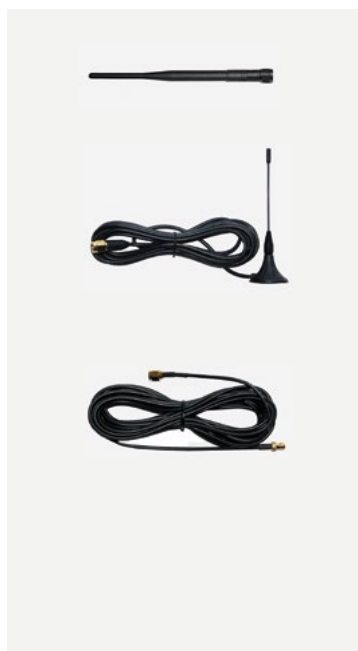
Discount group I

WR 300 - CAN-Bus

KGLTS30WR1
discontinued

648,00

Accessories for receiver modules	Order no.	Price (€)
----------------------------------	-----------	-----------



Rod antenna

Discount group I

With SMA-Buchse

ANT868STA1

77,00

External antenna

Discount group I

With SMA socket – length 2.0 m

ANT868EM20

80,00

Extension for antenna

Discount group I

With SMA socket – length 5.0 m

ANT868VER1

65,50

USB cable

Discount group L

For Virtus 5, CI 5x00, CI 4000 series,
UA 400 series, WR 300

PCZKABUSB1

15,50

Wireless sensors	Order no.	Price (€)
------------------	-----------	-----------



TS 30 W - Standard

Discount group I

With integrated temperature sensor

KGLTS30W01

195,50

TS 30 XW

Discount group I

With external temperature sensor
3.0 m cable

KGLTS30XW1

255,00

Price list 2026

Accessories for wireless sensors	Order no.	Price (€)
----------------------------------	-----------	-----------



Activation Magnet - WAKE ME UP

For TS 30 W/TS 30 XW

Discount group I

MAGNWAKEUP 10,00

Housing for temperature sensor

For wall mounting (e.g. in cold rooms) of up to two temperature sensors L243, 5K3A1 and TS 30 XW

Discount group L

GEHTEMPE01 22,50

Gateways	Order no.	Price (€)
----------	-----------	-----------



M-Bus gateway for top-hat rail mounting

For max. 20 M-Bus meters

Discount group L

KGLZMBUS01 942,50

For max. 60 M-Bus meters

Discount group K

KGLZMBUS02 1.170,50

Required accessories: Power supply unit

Discount group L

KGLNT24V1P 173,00

Required accessories:
Serial extension cable for connection to COM2 of system control units Virtus 5, CI 5x00, CI 4x00

PCZKABSER3 18,50

Compact control cabinets & alarm boxes	Order no.	Price (€)
--	-----------	-----------



Cold room controls

With UA 400 E CC

T90000700x On request

With UA 410 E AC

T90000704 On request

Display unit in plastic housing

Temperature display BT 30

T800004107 On request

Temperature display VDD 500

T800004162 On request

Compact control cabinets & alarm boxes

Order no.

Price (€)



Alarmbox Maxi

Discount group Q

Without temperature display, without potential-free contact	T800004100	528,00
With temperature display, without potential-free contact	T800004101	610,50
Without temperature display, with potential-free contact	T800004102	593,50
With temperature display, with potential-free contact + CAN bus repeater function	T800004103	626,00

Alarmbox Mini

Discount group Q

LED flashing light with buzzer	T800004117	On request
--------------------------------	------------	------------

Building management system

Order no.

Price (€)



Compact controller, freely programmable

Discount group E

GLT 5010 replaces GLT 3010 for top-hat rail mounting	GLT5010111	2.978,00
---	------------	----------

Pump control for hybrid systems

Discount group E

PSE 5010 for top-hat rail mounting	E_00005869	4.393,00
PS 3010 L for top-hat rail mounting	PS3010L000	On request

Controls for heat recovery

Discount group E

WRG 5010 E for top-hat rail mounting	E_00007129	3.038,50
---	------------	----------

SIOX 12/8 expansion module

Discount group C

With manual switch (auto/off/manual) for top-hat rail mounting	LISIOX0012	1.121,00
---	------------	----------

Price list 2026

Building management system		Order no.	Price (€)
	Analogue value transmitter 0..10 V	Discount group P	
	With manual switch (auto/off/manual) for DIN rail mounting	MODAPPAWG0	78,00
	Set for parallel compressors	Discount group K	
	For top-hat rail mounting, including module with 4 analog outputs 0..10 V, 2 terminating resistors, and 1 terminal.	MODBAOUTPV	366,00
	Required accessories: Power supply unit	Discount group L	
		KGLNT24V1P	173,00

Various accessories		Order no.	Price (€)
	Power supply unit	Discount group L	
	For top-hat rail mounting $U_{IN} = 230 \text{ V AC} / U_{OUT} = 24 \text{ V DC } 1,25 \text{ A}$	KGLNT24V1P	173,00

LDWin		Order no.	Price (€)
PC-Software		Discount group J	
LDWin incl. dongle w/o setpoint change		LDWIN2001	On request
LDWin incl. dongle w/ setpoint change		LDWIN2003	On request
LDWin incl. dongle w/ setpoint change and BMS		LDWIN2005	1.284,50
USB dongle w/o setpoint change		LDSDONGLE3	On request
USB dongle w/ setpoint change		LDSDONGLE4	On request
USB dongle w/ setpoint change and BMS		LDSDONGLE9	On request

Please note our terms and conditions

Our deliveries and services are provided in accordance with the following terms and conditions: In addition, the widely used General Terms and Conditions for Products and Services of the Electrical Industry ("Green Terms and Conditions" – GL, as of 2022) published by the German Electrical and Electronic Manufacturers' Association (ZVEI) and the supplementary Electronics Industry Association (ZVEI) ("Green Terms of Delivery" – GL, as of 2022) as well as the supplementary clause on extended retention of title (as of 2022) and the associated software clause (as of 2022).

The listed conditions can be found at: <https://www.eckelmann.de/en/terms-of-service>



The place of performance and jurisdiction is Wiesbaden.

Packaging:

Insofar as we are obliged under Section 4 of the Packaging Ordinance to take back the packaging used for transport, the client shall bear the costs for the return transport of the used packaging.

Warranty:

When products are delivered, only the characteristics described in the respective product documentation are agreed upon as the quality of the delivery item. No further guarantees are given. There is a 12-month warranty on materials after delivery. Typical wear parts and consumables are not covered by the warranty.

Prices:

Unless otherwise stated, all prices listed are gross list prices excluding VAT.

Price fixing:

Until March 31, 2027.

Payment:

Net within 14 days plus statutory value added tax.

Payments must be made to a bank account specified by us.

Licenses:

Software products subject to licensing are subject to the software license terms and conditions provided by the manufacturer.

Important information about orders under €400:

Please note that a minimum quantity surcharge of €80 applies to all orders with a goods value of less than €400. This surcharge will be automatically added to your invoice.

Thank you for your understanding!

If you have any questions, please do not hesitate to contact us.



About us

As a development partner for refrigeration and building management technology, we combine innovative control and regulation solutions with decades of experience. Our engineers develop systems for maximum energy efficiency, operational reliability, and comfort – from individual systems to complex building networks.

Our vision is to create a world without waste of energy, raw materials, and labor.

With digital intelligence and state-of-the-art technology, we design solutions that conserve resources and make buildings future-proof.



Sides & partnerships – national & international
480 + employees



Talk to us.

Eckelmann AG
Business Unit Automated
Refrigeration & Buildings
Berliner Strasse 161
65205 Wiesbaden
Germany
Phone: +49 611 7103-700

bestellungen@eckelmann.de
elds-support@eckelmann.de
www.eckelmann.de/en



www.eckelmann.de/en

