Eckelmann

System components with order numbers

June 2023 - V4.2

System centre (for panel mounting)
- CI 5400 (LAN) *KGLUP4454E*
- CI 5500 (CI 5400 + CAN bus repeater) *KGLUP4555E*
- VSC 5410 (LAN) *KGLVSC5410*
- VSC 5510 (VSC 5410 + CAN bus repeater) *KGLVSC5510*

Accessories System centre
- Mounting rack VSC 5x10 *KGLRAHMEN2*
- 9-pol.-SUB-Min-D *STSUBCON9M*

Connector set 100 Ohm *KGLCANTERM*
for CAN bus termination
CAN-Bus
Terminator 100 Ohm *W100R00004*

SIOX Extension Modules (without switches)
- Up to 4 Extension Modules SIOX *LISIOX0011*

Data cable
- Length 0,4 m *KABLIND001*
- 0,7 m *KABLIND002*
- 2,0 m *KABLIND003*
- 5,0 m *KABLIND007*

Connection cable 2,0 m *KABLIND006*

CAN bus Repeater
for CAN bus length up to > 500 m *KGLZCANREP 1x*
for CAN bus length up to > 1000 m *KGLZCANREP 2x*
Acces. Power supply 24 V DC/1,25 A *KGLNT24V1P*

Pack Controllers

- VPC 5000	(Transcritical CO_2)	*KGLVPC5000*
- VS 3010	(NT/LT)	*LIVS301011*
- VS 3010 BS	(Booster / Satellit)	*LIVS301012*
- VS 3010 CT	(Transcritical CO_2)	*LIVS301017*
- VS 3015 CT	(Transcritical CO_2)	*LIVS301519*
- FS 3010	(Brine controller)	*LIVS301014*
- Compact-VS 300	with 4 Relais	*EVS300A001*
	with 8 Relais	*EVS300A003*
	with 12 Relais	*EVS300A004*

Accessories for pack controllers

- Pressure transmitter 0..10 bar	*KGLZDRUCK3*
1..26 bar	*KGLZDRUCK4*
1..61 bar	*KGLZDRUCK5*
1..161 bar	*KGLZDRUCK6*
- Humidity and temperature sensor	*KGLZPTHYGR*
- Temp. sensor f. room / outside, Pt1000, 4-wire	*KGLZPT1000*
- Cylinder head sensor, Pt1000, messing, 2-wire	*KGLZPTZYLM*
- Immision temperature sensor, Pt1000	*KGLZPT1KTH*
- Set Modbus analog module (0..10 V)	*MODBAOUTPV*
- Modbus relay module	*MODBDOUT04*
- VS 300 adapter for cap rail mounting	*KGLZVSDIN1*
- Connector set extension for speed control of VS 3010 / VS 3010 BS / VS 3010 CT / FS 3010	*STVSETVS03*

Terminator 100 Ohm *W100R00004*

Modbus modules *Analog* *MODBAOUTPV*
Relay *MODBDOUT04*

230 V AC 24 V DC

CAN-Bus-Repeater

CAN bus

4. SIOX

1. SIOX

Virtus 5

VPC 5000

VS 3010 Family

RS232

SIOX

SIOX

SIOX Extension Modules (with switches) for
- VS 3010 / VS 3010 BS *LISIOX0012*
- VS 301x C / CT *LISIOX0015*
- FS 3010 *LISIOX0014*

Supply cable 2,0 m *KABLIND006*

Data cable
VS 3010/SIOX respect. SIOX/SIOX
- Length 0,4 m *KABLIND001*
- 0,7 m *KABLIND002*
- 2,0 m *KABLIND003*
- 5,0 m *KABLIND007*

Data cable between PC and VS 3010
- Flash cable *KABLINDAD1*
- Null modem cable 3,0 m *PCZKABSER2*

Package for the integration of
- AHT cases with Danfoss SLV controllers *KGLAHTAD01*
- AHT cases with Wurm controllers *KGLAHTAD02*

Acces. (Danfoss) power supply 24 V DC *KGLNT24V1P*

VCD

Virtus Control Desk
Local / Remote

TTY Interface Converter (LDSWin) *EAGTTYR232*

UA 400 Family

TTY

TTY

VS 300

Modems
- Modem GSM *PCZMODEM04*

Modem

Gateways
- LDS1-Gateway for LDS1 system *LDS1GWUA01*
- Closing module incl. 2 terminators *LDS1GWSET1*
- M-Bus-Gateway - max. 20 meters *KGLZMBUS01*
- M-Bus-Gateway - max. 20 meters *KGLZMBUS02*

UA 400 Case Controllers

- UA 400 AC	*KGLUA4N011*
CC	*KGLUA4N012*
- UA 410 D AC	*KGLUA4D016*
- UA 400 E CC	*KGLUA4E012*
401 E CC	*KGLUA2E012*
410 E AC	*KGLUA4E016*
- UA 410 L AC	*KGLUA4L016*

BT 300

RJ45 splitter

BT 30

VDD 500

Operator Interface for UA 300/UA 400

- BT 300 M - for use by service personnel	*LIBDTUA052*
- BT 300 S - for panel mounting	*LIBT300S01*
- BT 30, temperature display with 7 m connection cable	*BT30LC0002*
- RJ45 splitter, to connect up to four BT 30 on an UA 300/UA 400	*KGLVERTBT1*
- VDD 500, temperature display (only UA 4x0 E V>= 3.20 / 9DIP)	*KGLVDD500E*

Assessories System centre / Virtus Control Desk
- USB cable *PCZKABUSB1*

Virtus Caelum

Internet

VBD Virtus Basic Desk *E_00002565*

VAD Virtus Alarm Desk *on request*

Modbus

UA 30 RC

Trafo

UA 30 RS

Accessories case controller
- Temperature sensors

L243, 3,0 m	*KGLZTEMP56*
L243, 5,8 m	*KGLZTEMP58*
K243	*KGLZL243*
5K3A1, 8,5 m	*KGLZ5K3A1*
5K3A1, 8,5 m, silicone cable	*KGLZ5K3A1S*
Housing for ext. temp. probe	*GEHTEMPE01*
- TTY interface converter LDSWin only	*EAGTTYR232*
- Pressure transmitter 0..10 bar	*KGLZDRUCK3*
1..26 bar	*KGLZDRUCK4*
1..61 bar	*KGLZDRUCK5*
1..161 bar	*KGLZDRUCK6*

USB Cable *PCZKABUSB1*

WR 300

Receiver Module WR 300 *KGLTS30WR1*
Wireless sensor TS 30 W *KGLTS30W01*
TS 30 XW with ext. probe *KGLTS30XW1*
Housing for ext. temperature probe *GEHTEMPE01*
Activate magnet - WAKE ME UP - *MAGNWAKEUP*
Rod antenna with SMA connector *ANT868STA1*
External antenna with SMA connector (2 m) *ANT868EM20*
Antenna extension (5 m) *ANT868VER1*
USB cable for firmware update *PCZKABUSB1*

Compact Case Controller
- UA 30 RC *EAGUA30RC*
- UA 30 RS *EAGUA30RS*
- Trafo for UA 30 RS *EAGTRUA30*
- HOT KEY *KGLKEYUA30*

Connection cable
UA 30 on RJ45
1,5 m *KABLIUA301*
4,0 m *KABLIUA302*

Modbus
Terminator 100 Ohm *W100R00004*

Compact GLT
GLT301011
GLT5010111

GLT 3010
GLT 5010

SIOX (with switches) *LISIOX0012*

WRG 3010 x
WRG3010E00

WRG 3010 x

AL 300

Operator Terminal AL 300
- AL 300 S for panel mounting *LIAL300051*
- AL 300 W for wall mounting *LIAL300052*
- EPROM for firmware update *PROMELIAL1*

Accessories AL 300 S
- Mounting rack *KGLZRAHMEN*

Connector Set for

AL 300:	*STVSETAL01*	UA 400 AC:	*STVSETUAB3*
CI 4x00/CI 5x00:	*STVSETCI41*	UA 400 CC:	*STVSETUAB3*
VSC 5x00:	*STVSETVSC5*	UA 400 E CC:	*STVSETUAB4*
SIOX:	*STVSETSI02*	UA 401 E CC:	*STVSETUAB6*
VS 3010 / CT:	*STVSETVS10*	UA 410 E AC:	*STVSETUAB2*
VS 3010 BS:	*STVSETVS11*	UA 400 E CC:	*STVSETUAB1*
FS 3010:	*STVSETVS12*	UA 410 L AC:	*STVSETUAB4*

Control Boxes

on request

www.eckelmann.de/elds

Booklet *BOOKLET01*