

Product Features

- to control, log and monitor water exchange measures in PWC and PWH installations
- decentralized control system for all KHS components
- For connection of max. one of each of the following: KHS quarter turn stop valve or KHS quarter turn stop valve PLUS or CoolFlow cold water balancing valve, KHS temperature sensor Pt1000, KHS CONTROL-PLUS and KHS overflow sensor
- Can be expanded through CAN bus in the MASTER/SLAVE system by 62 units (max. length of CAN bus, 2x 1000 m)
- USB interface for software update, log file transfer, data logging and up- or download of the configuration file
- PC or network link possible through supplied network cable
- optional BMS connection possible via Modbus TCP/IP, BACnet IP or MS/TP
- acoustic and visual alarm signal during fault (can be switched off), alarm acknowledgement on unit
- programming and read out via integrated web-browser
- Operating modes (16 memory locations): Time, temperature, volume flow, routine control, security/leak protection and data logging
- data logging capacity of 12 million lines for temperature, flow, consumption; log rate 1 s to 59 min
- with manual mode for all actuators
- for wall installation
- Logbook with 50,000 entries for water exchange and system events
- display with background light
- for controlling up to max. 60 KHS Hygiene Flush Boxes PRO with single port
- for controlling up to max. 30 KHS Hygiene Flush Boxes PRO with double port
- In the case of direct connection of quarter turn stop valves PLUS or CoolFlow cold water balancing valves only the 230 Volt versions are compatible
- Please commission and maintain at the construction site according to the operating instructions site or optionally enquire about it

Technical data

- min. ambient temperature 0 °C
- max. ambient temperature 50 °C
- protection class IP54
- power supply 230 V AC
- external input 230 V
- switching capacity 230 V, 2 A
- floating alarm relay, max. 230 V, 2 A
- own consumption 7 W

Part no.	H1 (mm)	L1 (mm)	T1 (mm)	Weight (kg)
6860200800	120	200	58	1.16

© Copyright by Gebr. Kemper GmbH + Co. KG / Harkortstraße 5 / D-57462 Olpe

Accessories

- KHS Hygiene Flush Box PRO with flow sensor, single port, figure 689 03 007
- KHS temperature sensor Pt 1000, figure 628 0G
- KHS Mini Control System SLAVE, figure 686 02 006
- KHS Hygiene Flush Box PRO with flow sensor, double port, figure 689 03 008
- KHS Flush Point, 230 V, figure 684 04
- KHS quarter turn stop valve, with 230 V actuator, figure 686 04
- KHS quarter turn stop valve PLUS, 230 V spring return actuator, figure 686 05
- water sensor, figure 620 00 001
- KHS Flush Point, 230 V, with CONTROL-PLUS, figure 684 05
- KHS BACnet Gateway L for MASTER 2.0/2.1, figure 686 02 023
- KHS BACnet Gateway XL for MASTER 2.0/2.1, figure 686 02 024
- KHS free drain with overflow sensor, figure 688 00
- CONTROL-PLUS flow and temperature sensor, Hz signal, union thread, figure 138 4G
- Modbus TCP/IP licence for MASTER 2.0/2.1, figure 99 3590

Spare parts

- network cable for KHS Mini Control System MASTER 2.0/2.1, from HW version 2.01, figure 686 02 020
- microSD card for network module in KHS Mini Control System MASTER 2.0/2.1, figure 686 02 022

© Copyright by Gebr. Kemper GmbH + Co. KG / Harkortstraße 5 / D-57462 Olpe