

Driverbox



- integrates up to two valve drivers *mtv/ehm/a*
- LC-Display and rotary encoder interface
- SD-Card for settings and firmware updates
- Status LEDs for both channels
- 2 Ethernet Ports for uplink and system expansion
- USB 2.0 (full speed) service interface
- Panel mountable in 4U 19" rack

Figure 1: *mtv/db1/tch* driver box"

The *mtv/db1/**, *mtv/db2/** is used to configure, update and monitor dispensing systems. It houses 1 or 2 *mtv/ehm/a* valve driver modules where a marco dispensing valve drive *mtv/d** can be connected to. Please see doc:P/mtv/ehm/doc/001 for details on connecting to the *mtv/ehm/a*.

The driver box provides an easily accessible user interface to

- configure the devices of a dispensing system
- update the components of a dispensing system
- monitor values like pulse time, cycle time, cycle count, temperature, etc
- run lab tests (trigger, purge, heating, etc) for quick setup of systems

Technical data

Dimensions HxWxD [mm]	105.0 x 101.6 x 169.0
Front Panel HxW [mm]	128.4 x 106.3
Weight mtv/db1	1.23 kg
Weight mtv/db2	1.49 kg
operating voltage	24 V (nominal)

Accessories

Power Supply	mtv/ps/280v
Power supply connector	Phoenix Contact 1757035 (MSTB 2,5/ 4-ST-5,08)
Valve Cable	mtv/cab/450c
hot-melt System Cable	mtv/cab/450epa

Other cables please see doc:P/mtv/doc/014 and doc:P/mtv/doc/026.

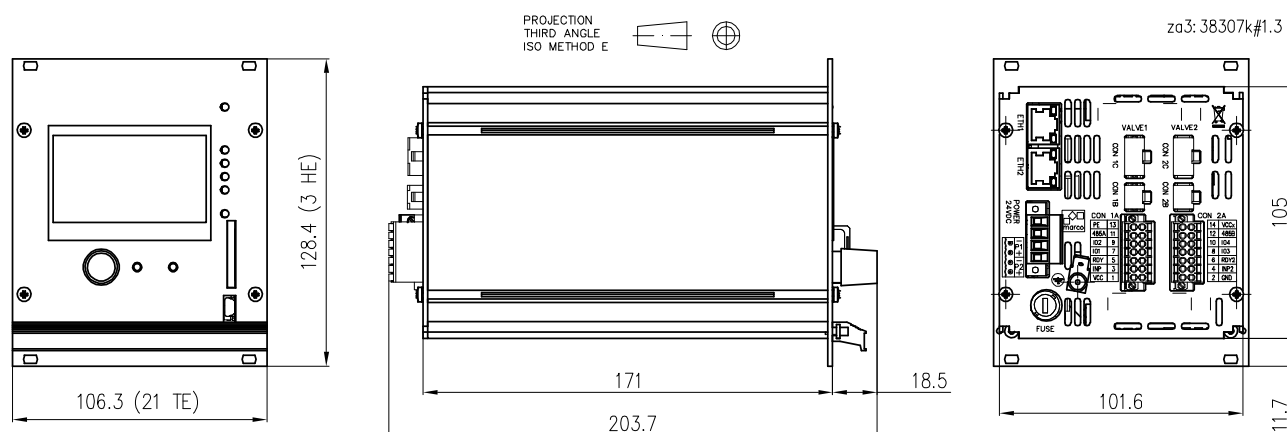


Figure 2: HMI *mtv/db** dimensions

Order Number	Release	Description
mtv/db1/tca-1	1.0	driver box (single channel)
mtv/db1/tch-1	1.0	driver box hot-melt (single channel)
mtv/db1/tpa-1	1.0	driver box (multi sequence)
mtv/db1/tph-1	1.0	driver box hot-melt (multi sequence)
mtv/db2/tca-1	1.0	driver box (dual channel)
mtv/db2/tch-1	1.0	driver box hot-melt (dual channel)