

# HE 5825

## HIMOD digital output module 8 x 24 V DC

8 x D-OUT 24 V DC high side driver



The digital output module HE 5825 controls up to eight binary signals from the higher-level bus system and transmits these to the process level. The communication with the field bus coupler takes place over an asynchronous serial RS-485 connection. In the event of service, the module can be exchanged quickly and without complications in running operation (Hot Swap). The outputs can be operated in a predefined clock mode, in order to set the output of the actuators. The signal status of the digital outputs is

indicated via status-LEDs. The areas of power supply voltage, field bus and logics are isolated galvanically from each other. Module errors and errors with overload, short-circuit or missing supply are detected and indicated. In the event of error the outputs switch to a previously defined, safe state (Fail Safe).

Current versions of the associated software SmartControl as well as other information can be found at [www.hesch.de](http://www.hesch.de)

TECHNICAL DATA	
Power supply	Over internal T-bus: 24 V DC / 7.5 V DC
Current consumption	Max. 40 mA at 24 V / max. 60 mA at 7.5 V
Electrical isolation	2300 V <sub>eff</sub> [(supply, logics) / per channel]
Digital output:	
Principle	High side driver, invertible logics
Supply	External supply, 18...32 V DC
Load	Static with 2 A per channel. Maximum total current: 12 A
Cyclic operation	Can be set with cycle time and switch-on time of 5 ms to 30 s
Protective mechanisms	Protected against short-circuit, overvoltage, overtemperature, reverse voltage
Fail safe	Transition of the outputs to a safe state in the event of error
Diagnostic display:	
8 x yellow LEDs	Status of the outputs
1 x 2-colour LED	Module status
Wiring technique	Screw / plug terminals, conductor cross-section 0.2...2.5 mm <sup>2</sup> Spring clamp / plug terminals, conductor cross-section 0.2...2.5 mm <sup>2</sup>
Weight	150 g

ORDERING DATA	ORDER NUMBER	PU
HE 5825, CE, without freewheeling diode, screw terminal	58250000	1
HE 5825, CE, freewheeling diode, screw terminal	58251000	1
HE 5825, CE, without freewheeling diode, spring clamp terminal	58253000	1
HE 5825, CE, freewheeling diode, spring clamp terminal	58254000	1

ACCESSORIES	ORDER NUMBER	PU
Screw plug terminal	133332	10
Spring clamp terminal	133331	10
T-bus connector	38100150	10

APPROVAL	
Conformity marking	CE

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