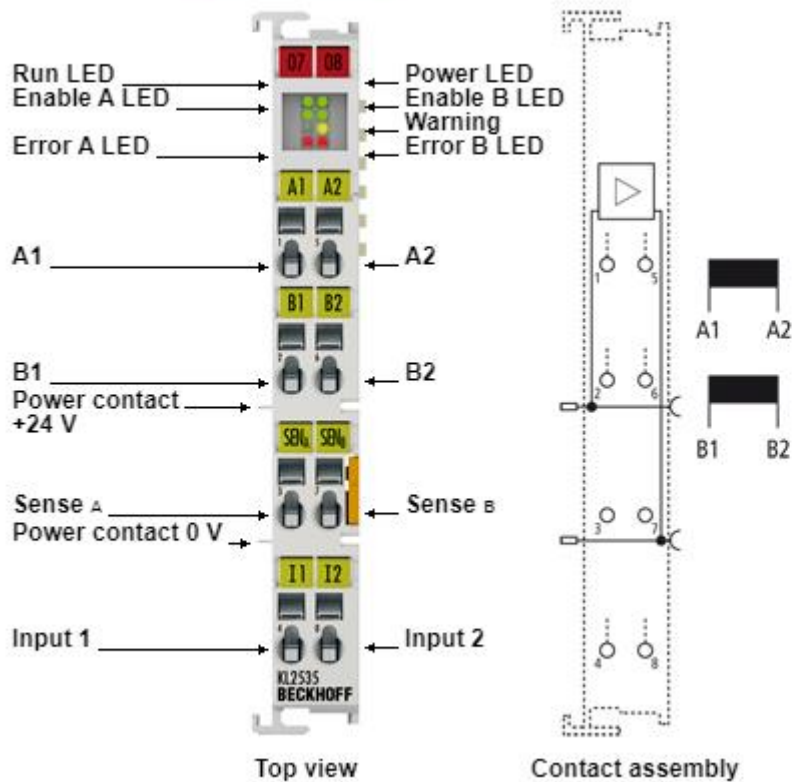


**Digital output** KL2535



**KL2535 | 2-CHANNEL PULSE WIDTH CURRENT TERMINAL ±1 A, 24 V DC**

The KL2535 output terminal controls an output current via pulse width control of the supply voltage. It is galvanically isolated from the K-bus. The current value (0 to ±1 A) is specified by the automation device via a 16 bit value. The output stage is protected against overload and short-circuit. The Bus Terminal contains two channels that indicate their signal state by means of light emitting diodes. The LEDs simplify local diagnosis by displaying typical load and wiring faults.

**TECHNICAL DATA****| KL2535 / KS2535**

Number of outputs	2
Nominal voltage	24 V DC (-15 %/+20 %)
Load type	inductive > 1 mH, valves, coils
Max. output current	2 x ±1 A (short-circuit proof, thermal-overload proof for both channels together)
PWM clock frequency	36 kHz
Duty factor	0... 100 % (current-controlled)
Resolution	max. 12 bit
Electrical isolation	500 V (K-bus/field potential)
Current consumption power contacts	load only
Current consumption K-bus	typ. 60 mA
Bit width in the process image	48 inputs/outputs: 2 x 16 bit data, 2 x 8 bit control/status
Configuration	no address setting, configuration via Bus Coupler or controller
Weight	approx. 55 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/see documentation
Pluggable wiring	for all KSxxxx Bus Terminals
Approvals/markings	CE