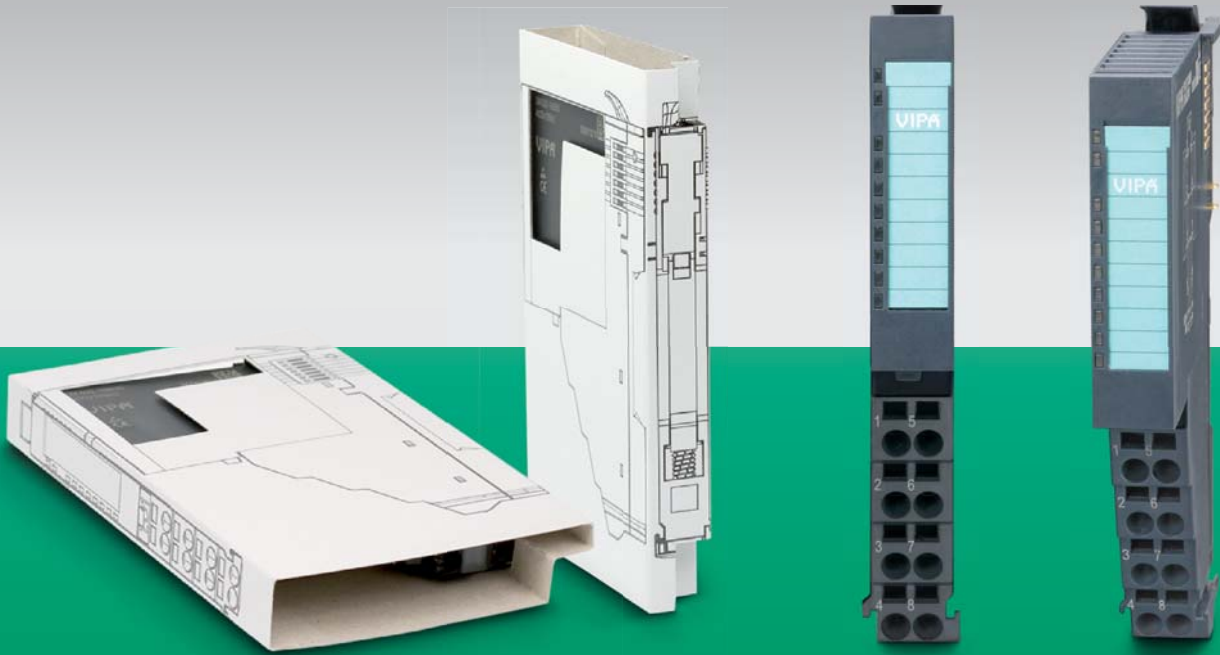# STEPPER module

Article No: 054-1BA00   **Availability: Q3/2015**

The new stepper module allows the direct operation of small stepper motors including the possibility of an encoder evaluation.

Operating types

Reference
- Types: position and reference switch (DI), torque limitation
- With single and reduced speed, acceleration, Offset value of the position

Positioning
- adjustable target position, speed, acceleration, delay
- Relative and absolute positioning
- Dynamic positioning (target change during the position operation)

Speed control
- adjustable desired value for acceleration and delay
- Limitation in both directions

Technical features

- 1 channel
- 2 outputs (phases) 24V DC 1,5 A
- 4 parameterizable DIO 24V DC
- current control frequency 32 kHz
- Step pattern 64-times microstepping
- based on CiA 402 drive profile

1 channel
24 V
1,5 A
4 x DIO   A1/2, B1/2

Encoder/DIO