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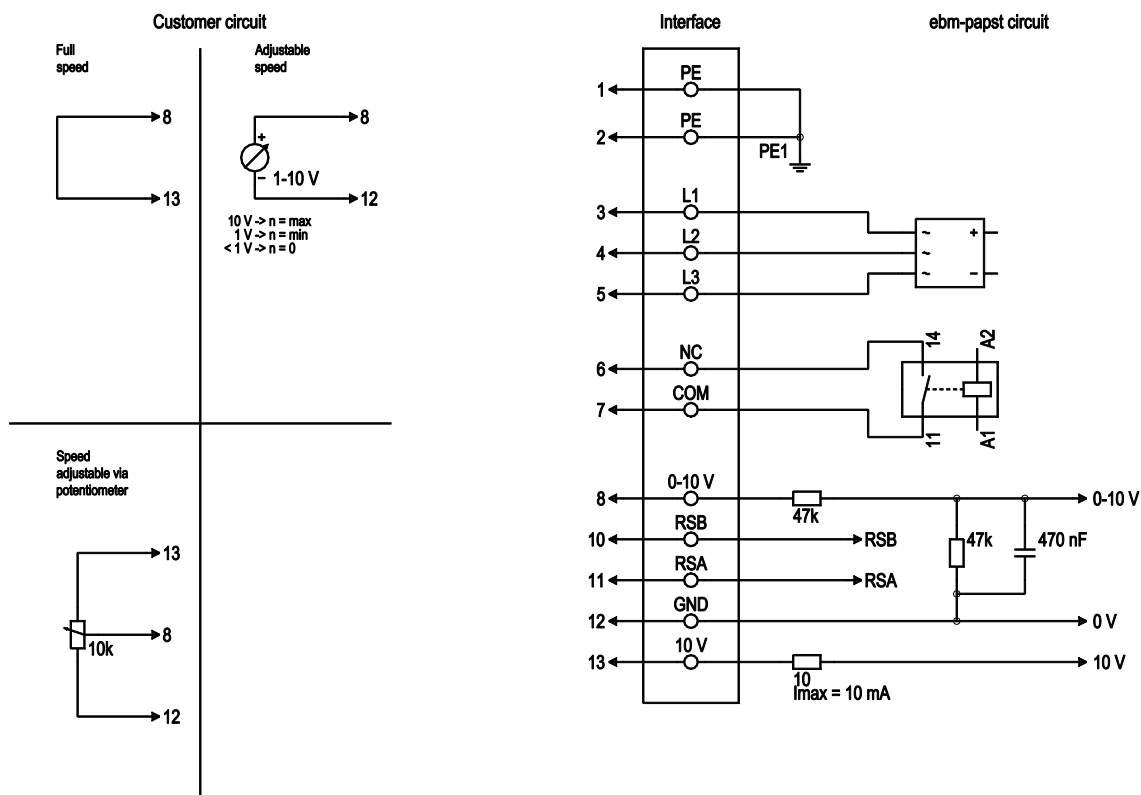
VBH0310CTPMS

# EC centrifugal module - RadiPac

backward-curved, single-intake

with support bracket

## Connection diagram



| No. | Conn. | Designation | Color        | Function/assignment                                                                                                                                                                                                    |
|-----|-------|-------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 1, 2  | PE          | green/yellow | Protective earth                                                                                                                                                                                                       |
| 1   | 3     | L1          | black        | Power supply                                                                                                                                                                                                           |
| 1   | 4     | L2          | black        | Power supply                                                                                                                                                                                                           |
| 1   | 5     | L3          | black        | Power supply                                                                                                                                                                                                           |
| 1   | 6     | NC          | white 1      | Status relay, floating status contact, break for failure, contact rating 250 VAC / 2 A (AC1) / min. 10 mA; reinforced insulation on supply side and basic insulation on control interface side                         |
| 1   | 7     | COM         | white 2      | Status relay, floating status contact, break for failure, contact rating 250 VAC / 2 A (AC1) / min. 10 mA; reinforced insulation on supply side and basic insulation on control interface side                         |
| 2   | 8     | 0-10V       | yellow       | Analog input (set value), 0-10 V, R <sub>i</sub> = 100 kΩ, adjustable curve, SELV                                                                                                                                      |
| 2   | 10    | RSB         | brown        | RS485 interface for MODBUS, RSB; SELV                                                                                                                                                                                  |
| 2   | 11    | RSA         | white        | RS485 interface for MODBUS, RSA; SELV                                                                                                                                                                                  |
| 2   | 12    | GND         | blue         | Reference ground for control interface, SELV                                                                                                                                                                           |
| 2   | 13    | +10V        | red          | Fixed voltage output 10 VDC, +10 V ±3%, max. 10 mA, short-circuit-proof power supply for external devices (e.g. pot), SELV<br>fixed voltage input 24 VDC for setting parameters via MODBUS without line voltage supply |