



Pneumatic components (pressure switch for coolants)

Safety Precautions

Be sure to read this section before use.
For general pneumatic components precautions, refer to Intro 17 for details.

Specific cautions: Mechanical pressure switch for coolants (for low pressure) CPE Series

Design / Selection

CAUTION

- The lamp is connected to the micro switch's NC terminal and NO terminal. An extremely small current flows even when the load (relay, etc.) is not energized. Pay attention to load selection.
100 VAC 1.5 mA 200 VAC 2.0 mA
24 VDC 1.5 mA

- Select with considerations to rush current.

Micro switch contact specifications

Rush current	Normally closed circuit	Max. 30 A
	Normally open circuit	Max. 15 A

Starting current should be measured beforehand.

- Never use this product in an explosive gas atmosphere.
The pressure switch does not have an explosive-proof structure. Never use in an explosive gas atmosphere as explosions or fires could result.
- Install a damper, absorber or accumulator as necessary if the water hammer, rush pressure or pulsation must be reduced. Pressure exceeding proof pressure even momentarily could damage the CPE.

MEMO

For precautions during mounting, installation, adjustment, use and maintenance, refer to the CKD Components Product Site (<https://www.ckd.co.jp/kiki/en/>) → "Model No.→ [Instruction Manual](#)