

2-pole AC Contactors, Definite Purpose

For further technical information see page 14.

Description

- Two normally open main contacts
- Screw clamp or fast-on connections
- Small and light design suitable for use in air conditioners, heaters, refrigerators, etc.
- Screw mountable
- N.O. auxiliary contact
- AC control voltage



Selection

Type	AC3 ratings			AC4 ratings			AC1 I _{th}	Making current	Breaking current
	220~ 240V	380~ 440V	500~ 550V	220~ 240V	380~ 440V	500~ 550V			
SMC-20P2	20A	17A	14A	18A	13A	10A	30A	120A	20A
SMC-25P2	25A	21A	17A	20A	14A	12A	35A	150A	25A
SMC-30P2	30A	23A	21A	22A	20A	14A	40A	180A	30A

Connection style

Terminal code	Main terminal	Coil terminal	Remarks
TSBS	Screw clamp	Screw clamp	
TSBQ		Fast-on	
TQBS	Fast-on(Quick connect)	Screw clamp	not available for SMC-30P2
TQBQ		Fast-on(Quick connect)	

Endurance

Mechanical lifetime		2 mil. Operations
Electrical lifetime	at AC3	0.2 mil. Operations (1200 operations/h)
	at AC4	0.015 mil. Operations (600 operations/h)

Contactors coil voltage, AC 50/60Hz

24, 48-50, 110/110-120, 208-220/208-240V

Ordering information

Specify type, terminal code and coil voltage

Example : SMC-25P2, TSBQ, AC110V 50Hz

