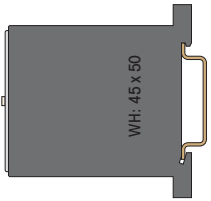
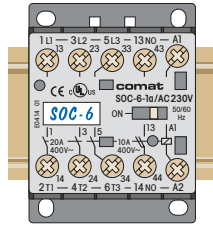
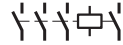


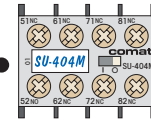
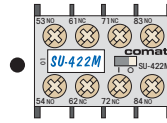
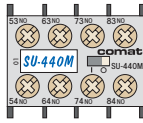
- ✓ 3 Main contacts 20 A 400 V ~
- ✓ 1 Auxiliary twin contact 10 A 400 V ~
- ✓ 4 Additional auxiliary contacts 10 A 400 V ~
optional NO or NC
- ✓ Snap-on parallel modules for coil
- ✓ RC modules for interference limitation
- ✓ Mechanical interlock of 2 contactors
- ✓ Connection diagram on front



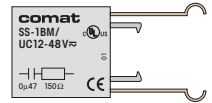
Miniature contactor



Snap-on additional auxiliary contactors



RC modules



3-/4-pole miniature contactor

- All contacts with twin interruption
- Manual operation
- Mechanical status display

Test voltage: \square 4000V \checkmark 4000V \checkmark

T_{amb.} operation/storage: -20...+60/-40...+85°C



Continuous terminal No. →

Designation according to DIN/EN 50011 →

Connection lay out (top/bottom)

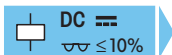
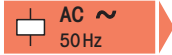
Data at T_{amb.} = 20°C / ≤ 40°C

Main contacts // Auxiliary contact

- Contact material
- Switching power AC1
- Switching power AC3/4
- Switching current AC15
- Switching power DC1
- Switching power DC13
- Making-/Breaking capacity
- Mechanical switching cycles

- Operation voltage AC50Hz/DC
- Power consumption
- Typical make/release time

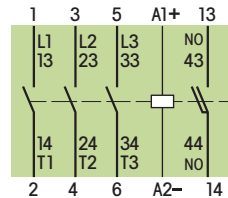
Order No.



SOC-6-1a

Universal miniature contactor with 3 main contacts 20A and 1 auxiliary contact 10A (signal twin contact). Contact opening > 3mm and test voltage 4000V. Specially suitable for "safely separation" in low voltage circuits.

20A // 10A 400V ~
10mA 24V // 1mA 6V



- AgNi
- 11kW 400V // 4kW 400V
- 4kW 9A 400V // -
- 1,9A 400V // 1,5A 400V
- ...300W
- 0,3A 220V // 0,1A 220V
- 90A / 70A_{eff}
- 20x10⁶
- 0,8...1,2U_n
- 4,2VA/3W
- 20ms/15ms

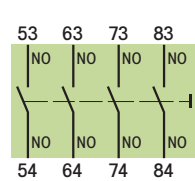
24, 230
SOC-6-1a / AC ... V

24
SOC-6-1a / DC ... V

SU-440M

Additional auxiliary contact block 4 NO contacts. Snap-on to miniature contactor SOC-6. Expands the SOC-6 up to a total of 8 NO contacts.

10A 400V ~
10mA 24V



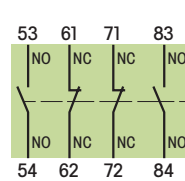
- AgNi
- 7kW 400V
-
- 1,9A 400V
- ...300W
- 0,3A 220V
- >30A
- 10x10⁶

Order No.:
SU-440M

SU-422M

Additional auxiliary contact block 2 NO + 2 NC contacts. Snap-on to miniature contactor SOC-6. Expands the SOC-6 up to a total of 6 NO and 2 NC contacts.

10A 400V ~
10mA 24V



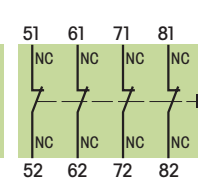
- AgNi
- 7kW 400V
-
- 1,9A 400V
- ...300W
- 0,3A 220V
- >30A
- 10x10⁶

Order No.:
SU-422M

SU-404M

Additional auxiliary contact block 4 NC contacts. Snap-on to miniature contactor SOC-6. Expands the SOC-6 up to a total of 4 NO and 4 NC contacts.

10A 400V ~
10mA 24V

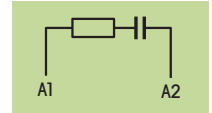


- AgNi
- 7kW 400V
-
- 1,9A 400V
- ...300W
- 0,3A 220V
- >30A
- 10x10⁶

Order No.:
SU-404M

SS-1...

RC modules to limit overvoltage. Universal version (UC...V~) for AC and DC coils. Snap-on directly onto miniature contactor SOC-6.



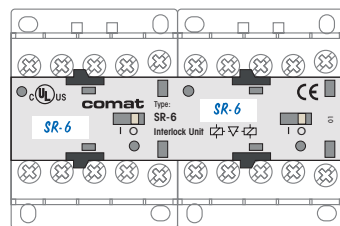
Current consumption:
at AC24V : 8mA
at DC24V : 4mA
at AC230V: 12mA
at DC220V: 2,5mA

Release time SOC-6 with RC module ≤45ms

Order No.:
SS-1HM/UC110-240V
SS-1BM/UC24V

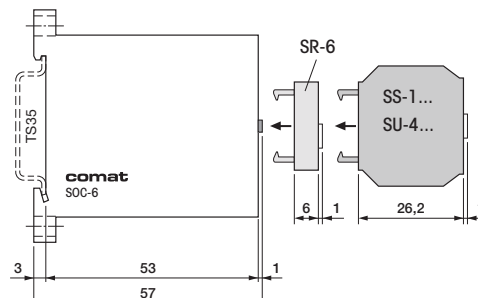
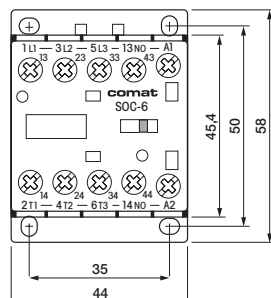
Interlocking unit SR-6

mechanically prevents the simultaneous engagement of two parallel working SOC-6.

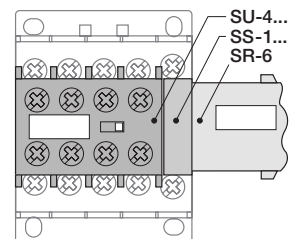


Ordering example

- Miniature contactor SOC-6-1a/AC230V
- Auxiliary contact block (2NO + 2NC contacts) SU-422M
- RC module SS-1H/UC110-240V
- Interlocking unit SR-6



Arrangement





Kühn Controls AG

Notes:

You want more information about this product, please call us: tel: +49 (0)7082-940000 or send us a fax: +49 (0)7082-940001, or email: sales@kuehn-controls.de or visit our Website: www.kuehn-controls.de