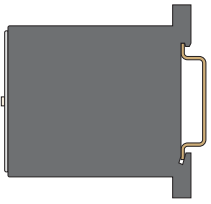
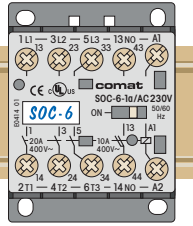




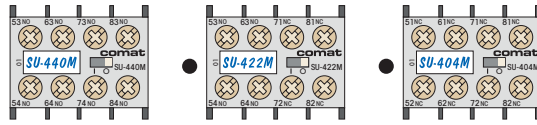
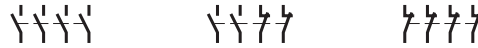
**comat**  
**SOC-6** DIN  
**Miniature Contactor**



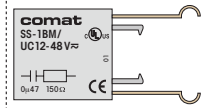
**Miniature Contactor**



**Additional auxiliary Snap-on contacts**



**RC Modules**



**3-/4-pole Miniature Contactor**

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

Test voltage:  $\square$  4000V / 4000V  $\square$

T<sub>amb.</sub> operation/  
storage: -20...+60/-40...+85°C



Continuous terminal No. →  
Designation according to DIN/EN 50011 →

Connection lay out (top/bottom) →

Data at T<sub>amb.</sub> = 20°C / ≤ 40°C  
Main contacts // Auxiliary contact

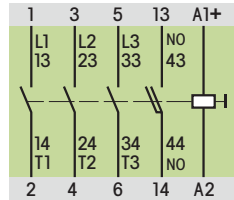
Contact material	Switching power AC1
	Switching power AC3/4
Switching current AC15	Switching power DC1
	Switching power DC13
Making-/Breaking capacity	Mechanical switching cycles
	Operation voltage AC50Hz/DC
Power consumption	Typical make/release time



**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<sub>eff</sub>  
20x10<sup>6</sup>  
0,8...1,2U<sub>n</sub>  
4,2VA/3W  
20ms/15ms

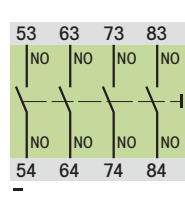
24, 230  
SOC-6-1a / AC ... V

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



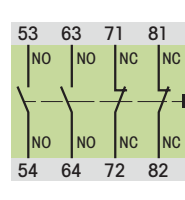
AgNi  
7kW 400V  
-  
1,9A 400V  
...300W  
0,3A 220V  
>30A  
10x10<sup>6</sup>

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



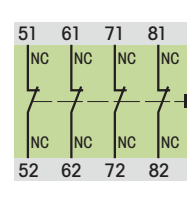
AgNi  
7kW 400V  
-  
1,9A 400V  
...300W  
0,3A 220V  
>30A  
10x10<sup>6</sup>

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

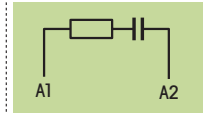


AgNi  
7kW 400V  
-  
1,9A 400V  
...300W  
0,3A 220V  
>30A  
10x10<sup>6</sup>

SU-404M

**SS-1...**

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

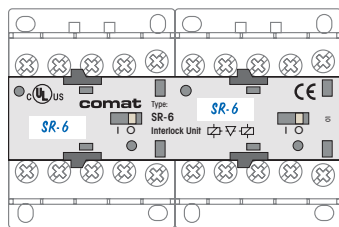


Current consumption:  
at AC24V : 8mA  
at DC24V : 4mA  
at AC230V: 12mA  
at DC220V: 2,5mA

Release time SOC-6 with RC module ≤ 45ms

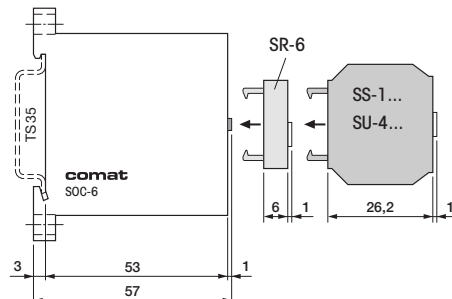
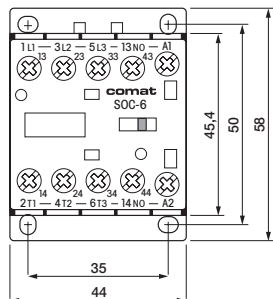
SS-1HM/UC110-240V  
SS-1BM/UC12-48V

**Interlocking unit SR-6**  
mechanically prevents the simultaneous engagement of two parallel working SOC-6.

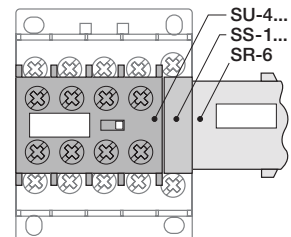


**Ordering example**

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

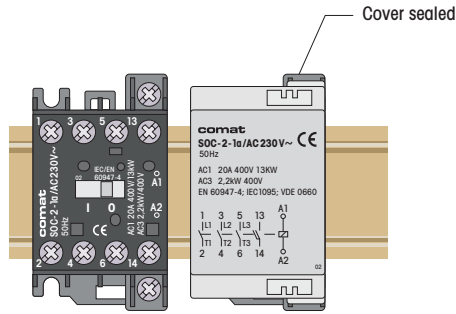
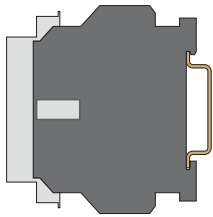
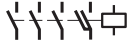


**Arrangement**



**comat**  
**SOC-2** DIN  
**Miniature Contactor**

**Installation Contactor SOC-2-1a**



**SOC-2-1a**

**Installation Contactor**

High power relay up to 3x20A 400V and 1 auxiliary twin contact 6A.

For installation mounting with cover conform DIN 43880.

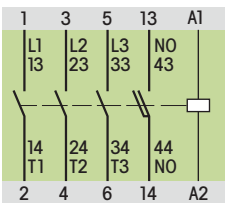
The cover can be sealed.

For general applications and motors up to 2,2 kW.

Suitable for pilot control signals.

**20A // 6A 400V ~**

10mA 24V // 1mA 6V



**3- + 1-pol. Miniature Contactor**

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

Test voltage:  $\square$  4000V / 4000V

T<sub>amb.</sub> operation/storage:  
 -20...+55/-30...+80°C



Continuous terminal No. →  
 Designation according to DIN/EN 50011 →

Connection lay out (top/bottom)

Data at T<sub>amb.</sub> = 20°C / ≤ 40°C  
 Main contacts // Auxiliary contact

Contact material  
 Switching power AC1  
 Switching power AC3/4  
 Switching current DC1  
 Inrush current

Switching current  
 Switching current DC1  
 Mechanical life time

Coil voltage  
 Coil power  
 Typical make/release time

Ag Ni  
 13kW 400V  
 2,2kW 400V  
 20A 24V / 2A 110V  
 100A / 2,5 ms

6A 400V  
 6A 24V / 0,5A 220V  
 > 3 x 10<sup>6</sup>

0,8 - 1,2 U<sub>N</sub>  
 32W 20ms/1,5W  
 < 20ms / < 20ms

**AC ~**  
 50Hz

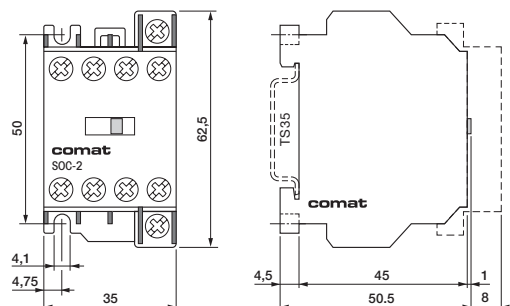
24, 230  
**SOC-2-1a/AC...V**

**Ordering example**

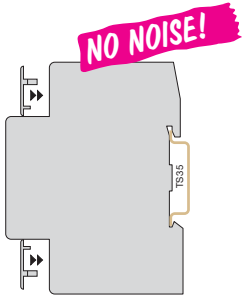
Installation contactor  
**SOC-2-1a/AC230V**

**Spare parts**

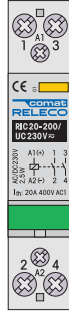
Cover sealed  
**SOC-2COV**



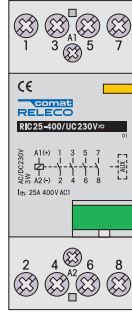
**comat**  
**RIC** **DIN**  
**Miniature Contactor**



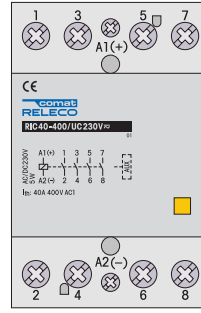
**Contactor 20A**  
2 NO or 2 NC or 1 NO/1 NC



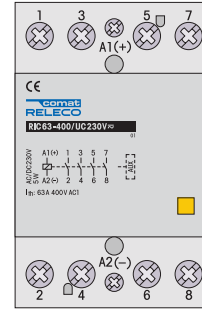
**Contactor 25A**  
4 NO or 4 NC or 2 NO/2 NC



**Contactor 40A**  
4 NO or 4 NC or 2 NO/2 NC



**Contactor 63A**  
4 NO or 2 NO/2 NC



**AUX Block**  
2 NO or 2 NC or 1 NO/1 NC



**AC/DC Installation Contactors No noise!**

- All contacts doublemake/ doublebrake
- Mechanical status display

Test voltage: 4 kV/3

T<sub>amb.</sub> operation/storage: -20...+55/-30...+80 °C



**RIC 20**

**Contactor 20A**  
Contactor with 2 NO or 2 NC or 1 NO+1 NC contacts. UC (AC/DC) versions are noise free and do not need external freewheeling circuits. No coil inrush overcurrent. Sealing cover optional.

**20A 400V ~**  
10mA 24V

**RIC 25**

**Contactor 25A**  
Contactor with 4 NO or 4 NC or 2 NO+2 NC contacts. UC (AC/DC) versions are noise free and do not need external freewheeling circuits. No coil inrush overcurrent. Sealing cover optional.

**25A 400V ~**  
10mA 24V

**RIC 40**

**Contactor 40A**  
Contactor with 4 NO or 4 NC or 2 NO+2 NC contacts. UC (AC/DC) versions are noise free and do not need external freewheeling circuits. No coil inrush overcurrent. Sealing cover optional.

**40A 400V ~**  
10mA 24V

**RIC 63**

**Contactor 63A**  
Contactor with 4 NO or 2 NO+2 NC contacts. UC (AC/DC) versions are noise free and do not need external freewheeling circuits. No coil inrush overcurrent. Sealing cover optional.

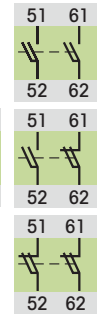
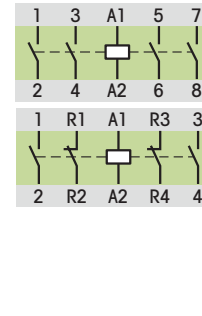
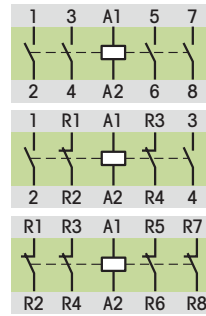
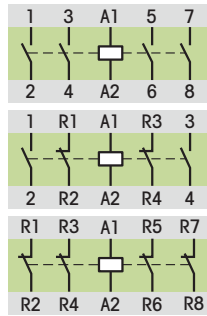
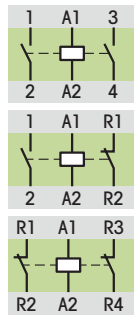
**63A 400V ~**  
10mA 24V

**RIC-AUX**

**Auxiliary**  
Contactblock with 2 NO or 2 NC or 1 NO+1 NC contacts. For signalling and control applications up to 6 A with crown twin contacts. For all RIC contactors.

**6A 400V ~**  
5mA 24V

**Connection lay out (top/bottom)**



Data at T<sub>amb</sub> = 20 °C

Contact material	AgNi
	AgSnO <sub>2</sub>
Switching current I <sub>TH</sub>	20A
	40A
Switching voltage	400V
	400V
Switching power AC3	1,3kW/230V
	2,2kW/400V
Switching power AC1/AC7a	4kW/230V
	16kW/400V
Op Frequenz max. cycle/hr	600
	120
Electrical life cycles AC1	2x10 <sup>5</sup>
	1x10 <sup>5</sup>
Coil voltage range	0,85 - 1,1 Un
	0,85 - 1,1 Un
Power consumption	2,5W
	3W
Operate / release time typ.	20ms // 20ms
	10ms // 50ms

24, 230	RIC20-200/UC ... V
24, 230	RIC20-110/UC ... V
24, 230	RIC20-020/UC ... V

24, 230	RIC25-400/UC ... V
24, 230	RIC25-220/UC ... V
24, 230	RIC25-040/UC ... V

24, 230	RIC40-400/UC ... V
24, 230	RIC40-220/UC ... V
24, 230	RIC40-040/UC ... V

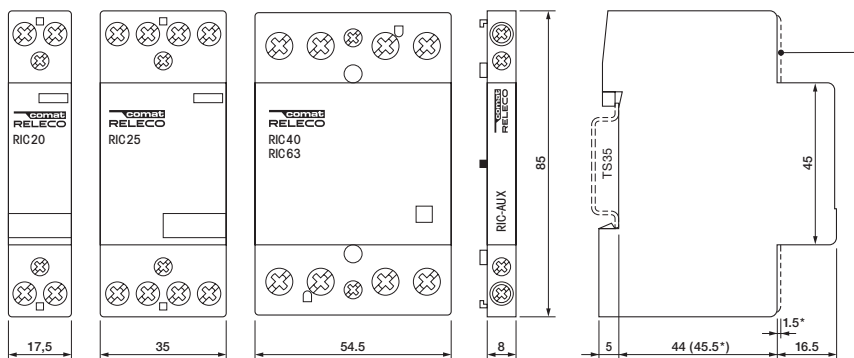
24, 230	RIC63-400/UC ... V
24, 230	RIC63-220/UC ... V

RIC-AUX20
RIC-AUX11
RIC-AUX02

RIC20 RIC25-63

**Ordering example**

- Installation contactor  
**RIC25-400/UC230V**
- Aux block  
**RIC-AUX20**
- Sealing cover  
**RIC-SEAL20**



\*Option  
Sealing cover  
Type: RIC-SEAL20  
RIC-SEAL25  
RIC-SEAL40-63