

Реле Finder 62 Минск т.80447584780

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[каталог](#), [описание](#), [finder](#), [реле](#), [технические](#), [характеристики](#), [datasheet](#), [параметры](#), [маркировка](#), [габариты](#), [фото](#), [даташит](#), [аналог](#), [замена](#) , Беларусь

[Реле](#) , [каталог](#), [описание](#), [технические](#), [характеристики](#), [datasheet](#), [параметры](#) , [маркировка](#), [габариты](#), [фото](#), [даташит](#), [finder](#), [финдер](#)



Finder 62 Серия - Силовые реле 16 А

реле реле электромеханическое электронные компоненты где и как купить в Минске?

- 62.22 - 62.23 Силовое реле для установки на печатную плату**-2 и 3 перекидных контакта или НО (зазор >3 мм)
-обмотки переменного и постоянного тока
-Усиленная изоляция между обмоткой и контактами согласно нормам EN 60335 1, с зазором 6 мм и путем утечки 8 мм
-Разделитель обмотки и катушки SELV
-Материал контактов бескадмиевый (опция) **62.32 - 62.33 Силовое реле с Faston 187**-Установка с помощью розеток 92 серии или Faston 187 (4,8x0,5 мм) с дополнительными адаптерами крепления
-2 и 3 перекидных контакта или НО (зазор >3 мм)
-обмотки переменного и постоянного тока
-По классификации UL (определенные комбинации реле/розеток)
-Светодиод, механический индикатор, кнопка тестирования (опции)
-Усиленная изоляция между обмоткой и контактами согласно нормам EN 60335 1, с зазором 6 мм и путем утечки 8 мм
-Разделитель обмотки и контактов SELV (опция)
-Материал контактов бескадмиевый (опция)
-Розетки и аксессуары **62.82 - 62.83 Силовое реле с монтажным фланцем/Faston 250 16 А**-Клемма Faston 250 (6.3x0.8 мм) Фланцевые или (опция) адаптеры крепления
-2 и 3 перекидных контакта или НО (зазор >3 мм)

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- обмотки переменного и постоянного тока
- Светодиод, механический индикатор, кнопка тестирования (опции)
- Усиленная изоляция между обмоткой и контактами согласно нормам EN 60335 1, с зазором 6 мм и путем утечки 8 мм
- Разделитель обмотки и контактов SELV (опция)
- Материал контактов бескадмиевый (опция)

Технические данные реле Finder серии 62

Размеры (мм)	38x35.5x45.5	38x35.5x45.5
Контактная группа (конфигурация)	2 перекидных контакта	3 перекидных контакта
Номинальный ток/Максимальный пиковый ток (А)	16	16
Номинальное напряжение на переключение (В)	250	250
Максимальное напряжение на переключение (В)	400	400
Номинальная нагрузка для AC1 (акт.нагр.) (ВА)	4000	4000
Стандартный материал контакта	AgCdO	AgCdO
Номинальное напряжение переменного тока (В) (50/60 Гц)	6-400	6-400
Номинальное напряжение постоянного тока (В)	6-220	6-220
Номинальная мощность пост./перем. ток ВА(50Гц)	2.5	2.5
Номинальная мощность постоянный ток высокой чувствительности	1.3	1.3
Изоляция в соответствии с EN 61810-5	4кV/3	4кV/3
Изоляция между обмоткой и контактами (1.2/50мкс) (кВТ)	6	6
Диэлектрическая прочность между открытыми контактами (В) при	1500	1500
Механическая долговечность в циклах	10·106/30·106	10·106/30·106
Электрическая долговечность при ном. нагрузке AC1 в циклах	100·103	100·103
Диапазон температур (°С)	-40 - +70	-40 - +70
Сертификация: (в соответствии с типом)	ГОСТ	ГОСТ
Вес единицы (г)	88	88
Количество в одной упаковке	10	10
Розетки	92 серия	92 серия
Аксессуары	99 серия - Тип 86.00/10/20	99 серия - Тип 86.00/10/20

Информация для заказа

- Реле Finder 062.08 Реле Finder 06208 Держатель для реле 62.82 на 35-мм рейку (паз сзади) (доп. опция)
- Реле Finder 62.22.8.024.0000 Реле Finder 622280240000 Реле с 2 перекидными контактами для печатного монтажа (~24В AC) 16А
- Реле Finder 62.22.8.230.0000 Реле Finder 622282300000 Реле с 2 перекидными контактами для печатного монтажа (~230В AC) 16А
- Реле Finder 62.22.9.006.0000 Реле Finder 622290060000 Реле с 2 перекидными контактами для печатного монтажа (= 6 В DC) 16А
- Реле Finder 62.22.9.024.0000 Реле Finder 622290240000 Реле с 2 перекидными контактами для печатного монтажа (=24В DC) 16А
- Реле Finder 62.23.8.024.0000 Реле Finder 622380240000 Реле с 3 перекидными контактами для печатного монтажа (~24В AC) 16А
- Реле Finder 62.23.8.230.0000 Реле Finder 622382300000 Реле с 3 перекидными контактами для печатного монтажа (~230В AC) 16А
- Реле Finder 62.23.9.012.0040 Реле Finder 622390120040 Реле с 3 перекидными контактами для печатного монтажа (=12В DC) 16А
- Реле Finder 62.23.9.012.0300 Реле Finder 622390120300 Реле с 3 перекидными контактами для печатного монтажа (=12В DC) 16А
- Реле Finder 62.23.9.024.0000 Реле Finder 622390240000 Реле с 3 перекидными контактами для печатного монтажа (=24В DC) 16А
- Реле Finder 62.23.9.024.0300 Реле Finder 622390240300 Реле с 3 перекидными контактами для печатного монтажа (=24В DC) 16А
- Реле Finder 62.23.9.110.0000 Реле Finder 622391100000 Реле с 3 перекидными контактами для печатного монтажа (=110В DC) 16А
- Реле Finder 62.23.9.125.0000 Реле Finder 622391250000 Реле с 3 перекидными контактами для печатного монтажа (=125В DC) 16А
- Реле Finder 62.32.8.024.0008 Реле Finder 623280240008 Реле с 2 перекидными контактами (~24В AC) 16А, крепление на DIN-рейку
- Реле Finder 62.32.8.024.0040 Реле Finder 623280240040 Реле с 2 перекидными контактами (~24В AC) 16А
- Реле Finder 62.32.8.024.0048 Реле Finder 623280240048 Реле с 2 перекидными контактами (~24В AC) 16А, крепление на DIN-рейку
- Реле Finder 62.32.8.024.0540 Реле Finder 623280240540 Реле с 2 перекидными контактами (~24В) 16 А
- Реле Finder 62.32.8.230.0040 Реле Finder 623282300040 Реле с 2 перекидными контактами (~230В AC) 16А
- Реле Finder 62.32.9.012.0040 Реле Finder 623290120040 Реле с 2 перекидными контактами (=12В DC) 16А
- Реле Finder 62.32.9.024.0040 Реле Finder 623290240040 Реле с 2 перекидными контактами (=24В DC) 16А
- Реле Finder 62.32.9.024.0300 Реле Finder 623290240300 Реле с 2 НО контактами (=24В DC) 16А
- Реле Finder 62.32.9.110.0000 Реле Finder 623291100000 Реле с 3 перекидными контактами (=110В AC) 16А
- Реле Finder 62.32.9.110.0300 Реле Finder 623291100300 Реле с 3 перекидными контактами (=110В AC) 16А
- Реле Finder 62.32.9.220.0040 Реле Finder 623292200040 Реле с 2 перекидными контактами (=220В DC) 16А
- Реле Finder 62.33.8.006.0040 Реле Finder 623380060040 Реле с 3 перекидными контактами (~6В AC) 16А
- Реле Finder 62.33.8.024.0040 Реле Finder 623380240040 Реле с 3 перекидными контактами (~24В AC) 16А

Реле Finder 62.33.8.060.0040 Реле Finder 623380600040 Реле с 3 перекидными контактами (~60В AC) 16А
Реле Finder 62.33.8.110.0040 Реле Finder 623381100040 Реле с 3 перекидными контактами (~110В AC) 16А
Реле Finder 62.33.8.230.0030 Реле Finder 623382300030 Реле с 3 перекидными контактами (~230В AC) 16А
Реле Finder 62.33.8.230.0040 Реле Finder 623382300040 Реле с 3 перекидными контактами (~230В AC) 16А
Реле Finder 62.33.8.230.0054 Реле Finder 623382300054 Реле с 3 перекидными контактами (~230В AC) 16А
Реле Finder 62.33.9.012.0040 Реле Finder 623390120040 Реле с 3 перекидными контактами (=12В DC) 16А
Реле Finder 62.33.9.024.0008 Реле Finder 623390240008 Реле с 3 перекидн конт (монтаж на DIN-рейку) (=24В DC) 16А
Реле Finder 62.33.9.024.0040 Реле Finder 623390240040 Реле с 3 перекидными контактами (=24В DC) 16А
Реле Finder 62.33.9.024.0070 Реле Finder 623390240070 Реле с 3 перекидными контактами, со светодиодом (=24В DC) 16А
Реле Finder 62.33.9.024.0300 Реле Finder 623390240300 Реле с 3 NO контактами (=24В DC) 16А
Реле Finder 62.33.9.024.0360 Реле Finder 623390240360 Реле с 3 NO контактами (=24В DC) 16А
Реле Finder 62.33.9.048.0000 Реле Finder 623390480000 Реле с 3 перекидными контактами (=48В DC) 16А
Реле Finder 62.33.9.048.0040 Реле Finder 623390480040 Реле с 3 перекидными контактами (=48В DC) 16А
Реле Finder 62.33.9.048.0300 Реле Finder 623390480300 Реле с 3 NO контактами (=48В DC) 16А
Реле Finder 62.33.9.060.0040 Реле Finder 623390600040 Реле с 3 перекидными контактами (=60В DC) 16А
Реле Finder 62.33.9.110.0000 Реле Finder 623391100000 Реле с 3 перекидными контактами (=110В DC) 16А
Реле Finder 62.33.9.110.0040 Реле Finder 623391100040 Реле с 3 перекидными контактами (=110В DC) 16А
Реле Finder 62.33.9.110.0300 Реле Finder 623391100300 Реле с 3 перекидными контактами (=110В DC) 16А
Реле Finder 62.33.9.220.0040 Реле Finder 623392200040 Реле с 3 NO (=220В DC) 16А
Реле Finder 62.82.8.230.0300 Реле Finder 628282300300 Реле с 2 перекидными контактами (~230В AC) 16А
Реле Finder 62.82.9.012.0000 Реле Finder 628290120000 Реле с 2 перекидными контактами (=12В DC) 16А
Реле Finder 62.82.9.012.0300 Реле Finder 628290120300 Реле с 2 перекидными контактами (=12В DC) 16А
Реле Finder 62.82.9.024.0300 Реле Finder 628290240300 Реле с 2 перекидными контактами (=24В DC) 16А
Реле Finder 62.82.9.060.0300 Реле Finder 628290600300 Реле с 2 перекидными контактами (=60В DC) 16А
Реле Finder 62.83.8.024.0000 Реле Finder 628380240000 Реле с 3 перекидными контактами (~24В AC) 16А
Реле Finder 62.83.8.024.0048 Реле Finder 628380240048 Реле с 3 перекидными контактами (~24В AC) 16А, со скобой для крепления на DIN-рейку
Реле Finder 62.83.8.230.0000 Реле Finder 628382300000 Реле с 3 перекидными контактами (~230В AC) 16А
Реле Finder 62.83.8.230.0048 Реле Finder 628382300048 Реле с 3 перекидными контактами (~230В AC) 16А, со скобой для крепления на DIN-рейку
Реле Finder 62.83.8.230.0300 Реле Finder 628382300300 Реле с 3 NO контактами (~230В AC) 16А
Реле Finder 62.83.8.230.0308 Реле Finder 628382300308 Реле с 3 NO контактами (~230В AC) 16А
Реле Finder 62.83.8.230.4300 Реле Finder 628382304300 Реле с 3 перекидными контактами (~230В AC) 16А
Реле Finder 62.83.8.230.4308 Реле Finder 628382304308 Реле с 3 перекидными контактами (~230В AC) 16А
Реле Finder 62.83.9.012.0300 Реле Finder 628390120300 Реле с 3 перекидными контактами (=12В DC) 16А
Реле Finder 62.83.9.024.0000 Реле Finder 628390240000 Реле с 3 перекидными контактами (=24В DC) 16А
Реле Finder 62.83.9.024.0048 Реле Finder 628390240048 Реле с 3 перекидными контактами (монтаж на DIN-рейку) (=24В DC) 16А

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Power relays 16 A



Road / tunnel lighting



Industrial furnaces and ovens



Burners, boilers and furnaces



Control and management of electric power



Punches, cleaners, planers and sanders



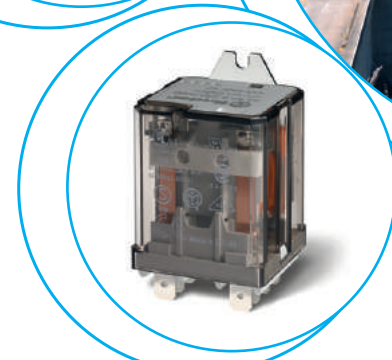
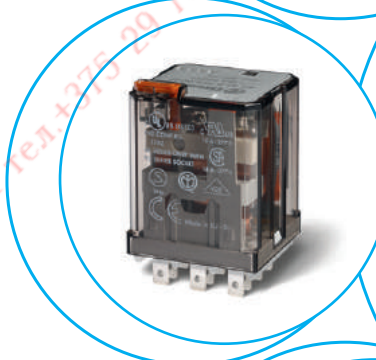
Control panels



Circuit breakers and switches



Industrial motors



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Printed circuit mount
16 A Power relay

- 2 & 3 Pole changeover contacts or NO (≥ 3 mm contact gap)
- AC coils & DC coils
- Reinforced insulation between coil and contacts according to EN 60335-1, with 6 mm clearance & 8 mm creepage distance
- SELV coil-contact separator option
- Cadmium free contact material options

* Distance between contacts ≥ 3 mm (EN 60730-1).
** With the AgSnO₂ material the maximum peak current is 120 A - 5 ms (NO contact).

FOR UL RATINGS SEE:
"General technical information" page V

For outline drawing see page 12

Contact specification

Contact configuration	2 CO (DPDT)	3 CO (3PDT)	2 NO (DPST-NO), ≥ 3 mm*	3 NO (3PST-NO), ≥ 3 mm*
Rated current/Maximum peak current	A 16/30**		16/30**	
Rated voltage/Maximum switching voltage	V AC 250/400		250/400	
Rated load AC1	VA 4000		4000	
Rated load AC15 (230 V AC)	VA 750		750	
Motor rating (230/400 V AC)	kW 0.8/—	0.8/1.5	0.8/—	0.8/1.5
Breaking capacity DC1: 30/110/220 V	A 16/0.6/0.4		16/1.1/0.7	
Minimum switching load	mW (V/mA) 1000 (10/10)		1000 (10/10)	
Standard contact material	AgCdO		AgCdO	

Coil specification

Nominal voltage (U _N)	V AC (50/60 Hz)	6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240 - 400	
	V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220	
Rated power AC/DC	VA (50 Hz)/W	2.2/1.3	3/3
Operating range	AC	(0.8...1.1)U _N	
	DC	(0.8...1.1)U _N	
Holding voltage	AC/DC	0.8 U _N / 0.6 U _N	
Must drop-out voltage	AC/DC	0.2 U _N / 0.1 U _N	

Technical data

Mechanical life AC/DC	cycles	10 · 10 ⁶ /30 · 10 ⁶	10 · 10 ⁶ /30 · 10 ⁶
Electrical life at rated load AC1	cycles	100 · 10 ³	100 · 10 ³
Operate/release time	ms	11/4	15/3
Insulation between coil and contacts (1.2/50 μs)	kV	6	6
Dielectric strength between open contacts	V AC	1500	3000
Ambient temperature range	°C	-40...+70	-40...+50
Environmental protection		RT I	RT I

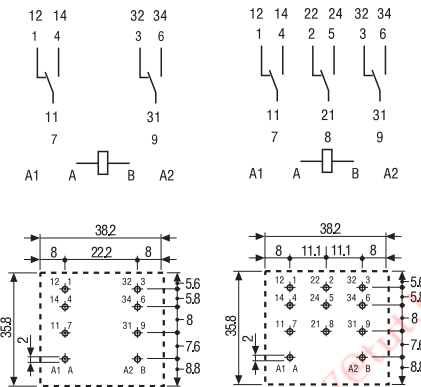
Approvals (according to type)



62.22/62.23



- 2 & 3 pole changeover contact
- PCB mount

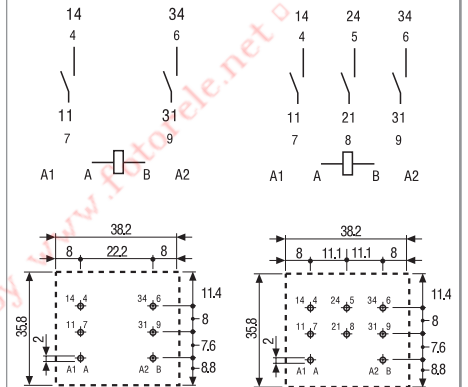


62.22 Copper side view 62.23 Copper side view

62.22-0300/62.23-0300



- 2 & 3 pole normally open contact (≥ 3 mm contact gap)
- PCB mount



62.22 - 0300 Copper side view 62.23 - 0300 Copper side view

Plug-in mount/Faston 187**16 A Power relay**

- Plug-in (92 series sockets) or Faston 187 (4.8 x 0.5 mm) with optional mounting adaptors
- 2 & 3 Pole changeover contacts or NO (≥ 3 mm contact gap)
- AC coils & DC coils
- UL Listing (certain relay/socket combinations)
- LED, mechanical indicator & test button options
- Reinforced insulation between coil and contacts according to EN 60335-1, with 6 mm clearance & 8 mm creepage distance
- SELV coil-contact separator option
- Cadmium free contact material options
- Sockets and accessories
- European Patent

- * Distance between contacts ≥ 3 mm (EN 60730-1).
- ** With the AgSnO_2 material the maximum peak current is 120 A - 5 ms (NO contact).

FOR UL RATINGS SEE:

"General technical information" page V

For outline drawing see page 12

Contact specification

Contact configuration		2 CO (DPDT)	3 CO (3PDT)	2 NO (DPST-NO), ≥ 3 mm*	3 NO (3PST-NO), ≥ 3 mm*
Rated current/Maximum peak current	A	16/30**			16/30**
Rated voltage/ Maximum switching voltage	V AC	250/400			250/400
Rated load AC1	VA	4000			4000
Rated load AC15 (230 V AC)	VA	750			750
Motor rating (230/400 V AC)	kW	0.8/—	0.8/1.5	0.8/—	0.8/1.5
Breaking capacity DC1: 30/110/220 V	A	16/0.6/0.4			16/1.1/0.7
Minimum switching load	mW (V/mA)	1000 (10/10)			1000 (10/10)
Standard contact material		AgCdO			AgCdO

Coil specification

Nominal voltage (U_N)	V AC (50/60 Hz)	6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240 - 400			
	V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220			
Rated power AC/DC	VA (50 Hz)/W	2.2/1.3		3/3	
Operating range	AC	$(0.8 \dots 1.1) U_N$			$(0.85 \dots 1.1) U_N$
	DC	$(0.8 \dots 1.1) U_N$			$(0.85 \dots 1.1) U_N$
Holding voltage	AC/DC	$0.8 U_N / 0.6 U_N$			$0.8 U_N / 0.6 U_N$
Must drop-out voltage	AC/DC	$0.2 U_N / 0.1 U_N$			$0.2 U_N / 0.1 U_N$

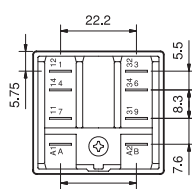
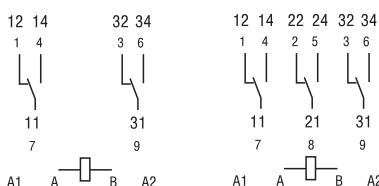
Technical data

Mechanical life AC/DC	cycles	$10 \cdot 10^6 / 30 \cdot 10^6$		$10 \cdot 10^6 / 30 \cdot 10^6$	
Electrical life at rated load AC1	cycles	$100 \cdot 10^3$		$100 \cdot 10^3$	
Operate/release time	ms	11/4		15/3	
Insulation between coil and contacts (1.2/50 μs)	kV	6		6	
Dielectric strength between open contacts	V AC	1500		3000	
Ambient temperature range	$^{\circ}\text{C}$	-40...+70		-40...+50	
Environmental protection		RT I		RT I	

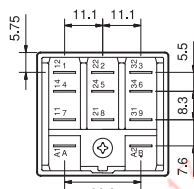
Approvals (according to type)

**62.32/62.33**

- 2 & 3 pole changeover contact
- Plug-in/Faston 187



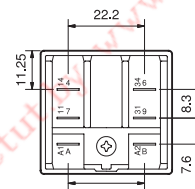
62.32



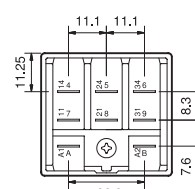
62.33

62.32-0300/62.33-0300

- 2 & 3 pole normally open contact (≥ 3 mm contact gap)
- Plug-in/Faston 187



62.32-0300



62.33-0300

Flange mount/Faston 250
16 A Power relay

- Faston 250 (6.3 x 0.8 mm) termination Flange or optional mounting adaptors
- 2 & 3 Pole changeover contacts or NO (≥ 3 mm contact gap)
- AC coils & DC coils
- LED, mechanical indicator & test button options
- Reinforced insulation between coil and contacts according to EN 60335-1, with 6 mm clearance & 8 mm creepage distance
- SELV coil-contact separator option
- Cadmium free contact material options
- European Patent

62.82/62.83



- 2 & 3 pole changeover contact
- Flange mount/Faston 250

62.82-0300/62.83-0300

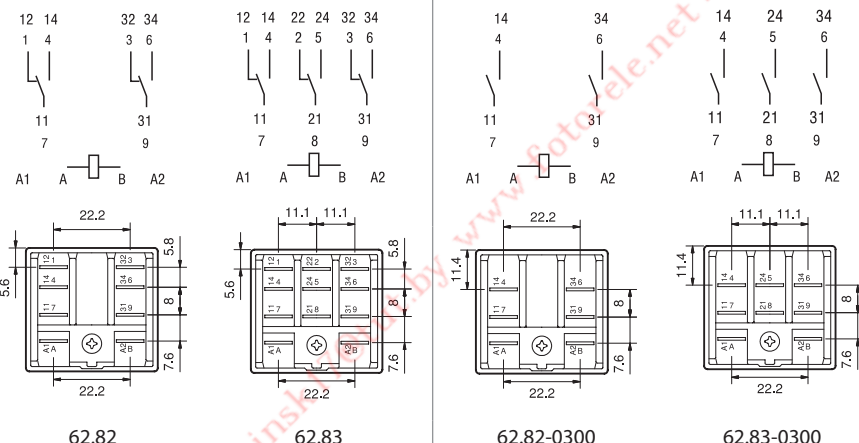


- 2 & 3 pole normally open contact (≥ 3 mm contact gap)
- Flange mount/Faston 250

* Distance between contacts ≥ 3 mm (EN 60730-1).
** With the AgSnO_2 material the maximum peak current is 120 A - 5 ms (NO contact).

FOR UL RATINGS SEE:
"General technical information" page V

For outline drawing see page 12



Contact specification

Contact configuration		2 CO (DPDT)	3 CO (3PDT)	2 NO (DPST-NO), ≥ 3 mm*	3 NO (3PST-NO), ≥ 3 mm*
Rated current/Maximum peak current	A	16/30**			16/30**
Rated voltage/Maximum switching voltage	V AC	250/400			250/400
Rated load AC1	VA	4000			4000
Rated load AC15 (230 V AC)	VA	750			750
Motor rating (230/400 V AC)	kW	0.8/—	0.8/1.5	0.8/—	0.8/1.5
Breaking capacity DC1: 30/110/220 V	A	16/0.6/0.4			16/1.1/0.7
Minimum switching load	mW (V/mA)	1000 (10/10)			1000 (10/10)
Standard contact material		AgCdO			AgCdO

Coil specification

Nominal voltage (U_N)	V AC (50/60 Hz)	6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240 - 400			
	V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220			
Rated power AC/DC	VA (50 Hz)/W	2.2/1.3		3/3	
Operating range	AC	$(0.8 \dots 1.1) U_N$		$(0.85 \dots 1.1) U_N$	
	DC	$(0.8 \dots 1.1) U_N$		$(0.85 \dots 1.1) U_N$	
Holding voltage	AC/DC	$0.8 U_N / 0.6 U_N$		$0.8 U_N / 0.6 U_N$	
Must drop-out voltage	AC/DC	$0.2 U_N / 0.1 U_N$		$0.2 U_N / 0.1 U_N$	

Technical data

Mechanical life AC/DC	cycles	$10 \cdot 10^6 / 30 \cdot 10^6$		$10 \cdot 10^6 / 30 \cdot 10^6$	
Electrical life at rated load AC1	cycles	$100 \cdot 10^3$		$100 \cdot 10^3$	
Operate/release time	ms	11/4		15/3	
Insulation between coil and contacts (1.2/50 μ s)	kV	6		6	
Dielectric strength between open contacts	V AC	1500		3000	
Ambient temperature range	$^{\circ}$ C	-40...+70		-40...+50	
Environmental protection		RT I		RT I	

Approvals (according to type)



**Plug-in mount/Faston 187
Magnetic blow power relay**

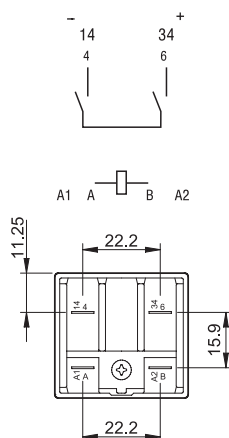
- Plug-in (92 series sockets) or Faston 187 (4.8 x 0.5 mm) with optional mounting adaptors
- 1 & 2 Pole NO contacts
- High DC load (resistive and inductive) switching capability
- DC coils
- Reinforced insulation between coil and contacts according to EN 60335-1, with 6 mm clearance & 8 mm creepage distance
- Cadmium free contact material
- Sockets and accessories

NEW 62.31-4800

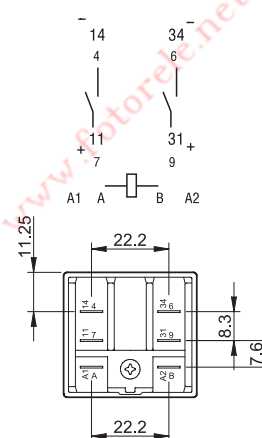

- 1 pole normally open contact (double break, ≥ 4.2 mm contact gap)
- Plug-in/Faston 187

NEW 62.32-4800


- 2 pole normally open contact (≥ 2.1 mm contact gap)
- Plug-in/Faston 187



62.31-4800



62.32-4800

* Maximum peak current 120 A - 5 ms.

For outline drawing see page 12

Contact specification

Contact configuration		1 NO (SPST-NO) double break, ≥ 4.2 mm	2 NO (DPST-NO), ≥ 2.1 mm
Rated current/Maximum peak current	A	16/30*	16/30*
Rated voltage/ Maximum switching voltage	V AC	250/400	250/400
Rated load AC1	VA	4000	4000
Breaking capacity DC1: 30/125/220 V	A	16/16/12	16/12/6
Breaking capacity DC inductive (L/R = 40 ms): 30/125/220 V	A	16/5/3	10/2/1.2
Minimum switching load	mW (V/mA)	1000 (10/10)	1000 (10/10)
Standard contact material		AgSnO ₂	AgSnO ₂

Coil specification

Nominal voltage (U _N)	V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220	
Rated power DC	W	1.3	1.3
Operating range	DC	(0.85...1.1)U _N	(0.85...1.1)U _N
Holding voltage	DC	0.6 U _N	0.6 U _N
Must drop-out voltage	DC	0.1 U _N	0.1 U _N

Technical data

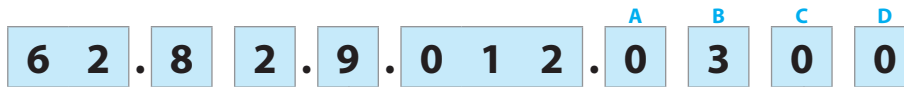
Mechanical life DC	cycles	10 · 10 ⁶	10 · 10 ⁶
Electrical life at rated load DC1	cycles	100 · 10 ³	100 · 10 ³
Operate/release time	ms	16/5	16/5
Insulation between coil and contacts (1.2/50 μs)	kV	6	6
Dielectric strength between open contacts	V AC	3000	2000
Ambient temperature range	°C	-40...+70	-40...+70
Environmental protection		RT I	RT I

Approvals (according to type)



Ordering information

Example: 62 series power relay + Faston 250 (6.3 x 0.8 mm), rear flange mount, 2 NO (DPST-NO), 12 V DC coil.



- Series**
- Type**
2 = PCB
3 = Plug-in
8 = Faston 250 (6.3 x 0.8 mm) with rear flange mount
- No. of poles**
1 = 1 pole (double break)
2 = 2 pole
3 = 3 pole
- Coil version**
8 = AC (50/60 Hz)
9 = DC
- Coil voltage**
See coil specifications

- A: Contact material**
0 = Standard AgCdO
4 = AgSnO₂ (standard for versions 4800)
- B: Contact circuit**
0 = CO (nPDT)
3 = NO (nPST), ≥ 3 mm contact gap
5 = CO (nPDT) + additional physical separator between coil and contacts (for SELV applications)
6 = NO (nPST), ≥ 3 mm contact gap + additional physical separator between coil and contacts (for SELV applications)
8 = NO (1 pole double break or 2 pole) with magnetic blow

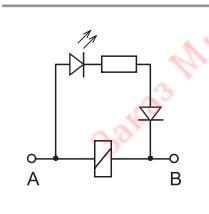
- D: Special versions**
0 = Standard
6 = Rear flange mount
9 = Type 62.82/83 without rear flange mount
 - C: Options**
0 = None
2 = Mechanical indicator
3 = LED (AC)
4 = Lockable test button + mechanical indicator
5* = Lockable test button + LED (AC)
54* = Lockable test button + LED (AC) + mechanical indicator
6* = LED + diode (DC, polarity positive to pin A/A1)
7* = Lockable test button + LED + diode (DC, polarity positive to pin A/A1)
74* = Lockable test button + LED + diode (DC, polarity positive to pin A/A1) + mechanical indicator
- * Options not available for 220 V DC and 400 V AC versions.

Selecting features and options: only combinations in the same row are possible.

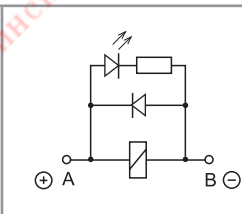
Preferred selections for best availability are shown in **bold**.

Type	Coil version	A	B	C	D
62.22/23	AC-DC	0 - 4	0 - 3 - 5 - 6	0	0
62.32/33	AC-DC	0 - 4	0 - 3 - 5 - 6	0	0 - 6
	AC-DC	0 - 4	0 - 5	2 - 4	0 - 6
	AC	0 - 4	0	2 - 3 - 4 - 5	0 - 6
	AC	0 - 4	0 - 3	3	0 - 6
	AC	0 - 4	0	54	/
	DC	0 - 4	0	4 - 6 - 7	0 - 6
	DC	0 - 4	0 - 3	6	0 - 6
	DC	0 - 4	0	74	/
62.31/32	DC	4	8	0	0
62.82/83	AC-DC	0 - 4	0 - 3 - 5 - 6	0	0 - 9
	AC-DC	0 - 4	0 - 5	2 - 4	0
	AC	0 - 4	0	2 - 3 - 4 - 5	0
	AC	0 - 4	0 - 3	3	0
	DC	0 - 4	0	4 - 6 - 7	0
	DC	0 - 4	0 - 3	6	0

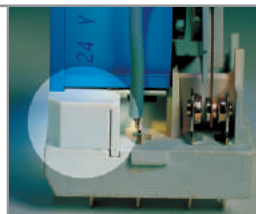
Descriptions: Options and Special versions



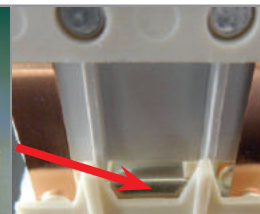
C: Option 3, 5, 54
LED (AC)



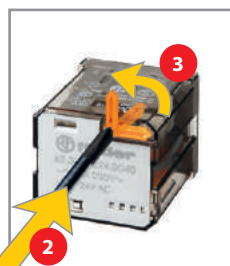
C: Option 6, 7, 74
LED + diode (DC, polarity positive to pin A/A1)



B: Contact circuit 5, 6
Additional physical separator between coil and contacts (for SELV applications)



B: Contact circuit 8
Magnetic blow



Lockable test button and mechanical flag indicator (0040, 0050, 0054, 0070, 0074)

The dual-purpose Finder test button can be used in two ways:

Case 1) The plastic pip (located directly above the test button) remains intact. In this case, when the test button is pushed, the contacts operate. When the test button is released the contacts return to their former state.

Case 2) The plastic pip is broken-off (using an appropriate cutting tool). In this case, (in addition to the above function), when the test button is pushed and rotated, the contacts are latched in the operating state, and remain so until the test button is rotated back to its former position. In both cases ensure that the test button actuation is swift and decisive.



Technical data

A

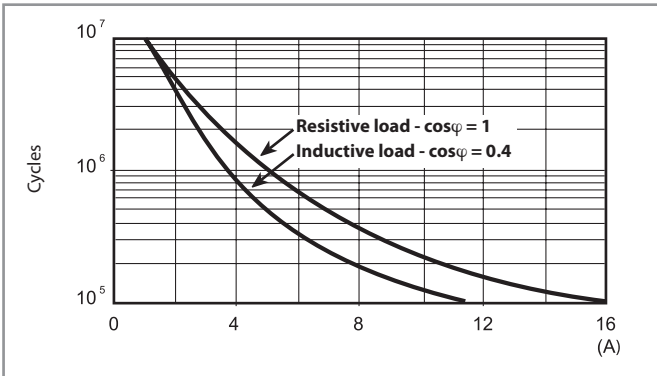
Insulation according to EN 61810-1								
		2 CO - 3 CO	2 NO - 3 NO	1 NO*	2 NO*			
Nominal voltage of supply system	V AC	230/400	230/400	230/400	230/400			
Rated insulation voltage	V AC	400	400	400	400			
Pollution degree		3	3	3	3			
Insulation between coil and contact set								
Type of insulation		Reinforced	Reinforced	Reinforced	Reinforced			
Overvoltage category		III	III	III	III			
Rated impulse voltage	kV (1.2/50 μs)	6	6	6	6			
Dielectric strength	V AC	4000	4000	4000	4000			
Insulation between adjacent contacts								
Type of insulation		Basic	Basic	—	Basic			
Overvoltage category		III	III	—	III			
Rated impulse voltage	kV (1.2/50 μs)	4	4	—	4			
Dielectric strength	V AC	2500	2500	—	2500			
Insulation between open contacts								
Type of disconnection		Micro-disconnection	Full-disconnection	Full-disconnection	Full-disconnection**			
Overvoltage category		—	III	III	II			
Rated impulse voltage	kV (1.2/50 μs)	—	4	4	2.5			
Dielectric strength	V AC/kV (1.2/50 μs)	1500/2	3000/4	3000/4	2000/2.5			
Conducted disturbance immunity								
Burst (5...50)ns, 5 kHz, on A1 - A2 according to EN 61000-4-4		level 4 (4 kV)						
Surge (1.2/50 μs) on A1 - A2 (differential mode) according to EN 61000-4-5		level 4 (4 kV)						
Other data								
Bounce time: NO/NC	ms	1/5 (changeover)	3/— (normally open)	3/— (normally open)	3/— (normally open)			
Vibration resistance (10...150)Hz: NO/NC	g	20/8						
Shock resistance	g	15						
Power lost to the environment		2 pole (CO)	3 pole (CO)	2 pole (NO)	3 pole (NO)	1 pole (NO)*	2 pole (NO)*	
	without contact current	W	1.3	1.3	3	3	1.3	1.3
	with rated current	W	3.3	4.3	5	6	3	3.3
Recommended distance between relays mounted on PCB	mm	≥ 5					—	

* Magnetic blow version

** Only in applications where over voltage category II is permitted. In applications of over voltage category III: Micro-disconnection.

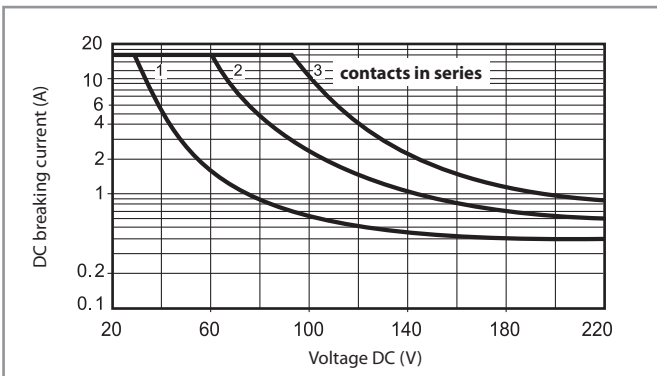
Contact specification

F 62 - Electrical life (AC) v contact current



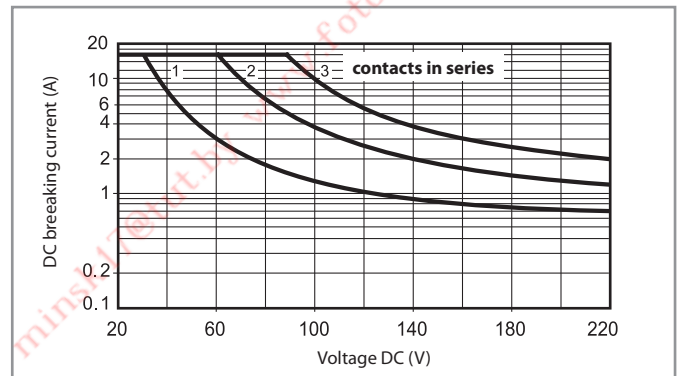
H 62 - Maximum DC1 breaking capacity

Changeover contacts



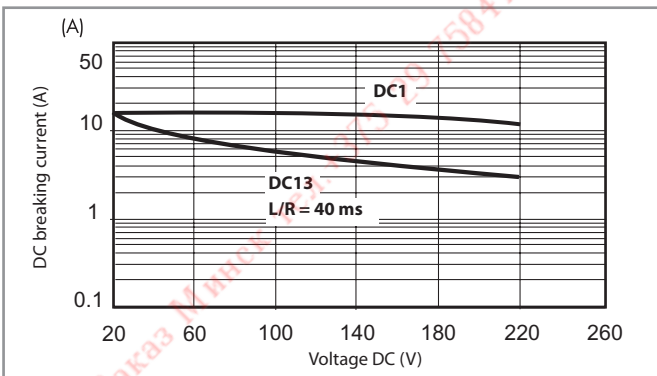
H 62 - Maximum DC1 breaking capacity

Normally open contacts

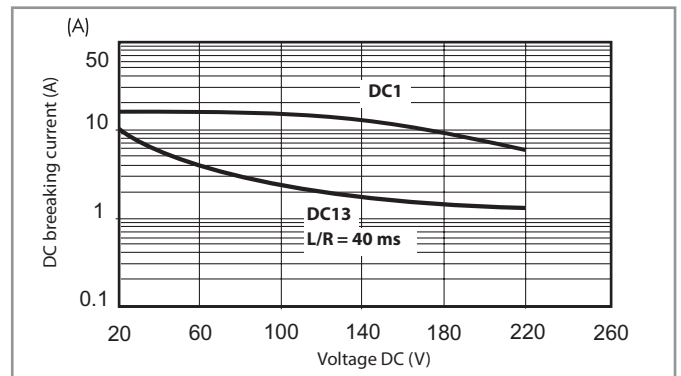


- When switching a resistive load (DC1) having voltage and current values under the curve, an electrical life of $\geq 100 \cdot 10^3$ can be expected.
- In the case of DC13 loads, the connection of a diode in parallel with the load will permit a similar electrical life as for a DC1 load.
Note: the release time of the load will be increased.

H 62 - Maximum DC breaking capacity 62.31.9.xxx.4800



H 62 - Maximum DC breaking capacity 62.32.9.xxx.4800



- When switching a resistive load (DC1), or a DC13 load with a diode in parallel to the load, having voltage and current values under the DC1 curve, an electrical life of $\geq 100 \cdot 10^3$ can be expected. Note: the release time for the load will be increased.
- When switching a DC13 load without a diode in parallel to the load, the DC13 curve applies and an electrical life of $\geq 80 \cdot 10^3$ can be expected.

Coil specifications

DC version data

Nominal voltage U_N V	Coil code	Operating range		Resistance R Ω	Rated coil consumption I at U_N mA
		U_{min} V	U_{max} V		
6	9.006	4.8	6.6	28	214
12	9.012	9.6	13.2	110	109
24	9.024	19.2	26.4	445	54
48	9.048	38.4	52.8	1770	27
60	9.060	48	66	2760	21.7
110	9.110	88	121	9420	11.7
125	9.125	100	138	12000	10.4
220	9.220	176	242	37300	5.8

AC version data

Nominal voltage U_N V	Coil code	Operating range		Resistance R Ω	Rated coil consumption I at U_N (50Hz) mA
		U_{min} V	U_{max} V		
6	8.006	4.8	6.6	4.6	367
12	8.012	9.6	13.2	19	183
24	8.024	19.2	26.4	74	90
48	8.048	38.4	52.8	290	47
60	8.060	48	66	450	37
110	8.110	88	121	1600	20
120	8.120	96	132	1940	18.6
230	8.230	184	253	7250	10.5
240	8.240	192	264	8500	9.2
400	8.400	320	440	19800	6

DC (NO/nPST-NO) version data - ≥ 3 mm

Nominal voltage U_N V	Coil code	Operating range		Resistance R Ω	Rated coil consumption I at U_N mA
		U_{min} V	U_{max} V		
6	9.006	5.1	6.6	12	500
12	9.012	10.2	13.2	48	250
24	9.024	20.4	26.4	192	125
48	9.048	40.8	52.8	770	63
60	9.060	51	66	1200	50
110	9.110	93.5	121	4200	26
125	9.125	106	138	5200	24
220	9.220	187	242	17600	12.5

AC (NO/nPST-NO) version data - ≥ 3 mm

Nominal voltage U_N V	Coil code	Operating range		Resistance R Ω	Rated coil consumption I at U_N (50Hz) mA
		U_{min} V	U_{max} V		
6	8.006	5.1	6.6	4	540
12	8.012	10.2	13.2	14	275
24	8.024	20.4	26.4	62	130
48	8.048	40.8	52.8	220	70
60	8.060	51	66	348	55
110	8.110	93.5	121	1200	30
120	8.120	106	137	1350	24
230	8.230	196	253	5000	14
240	8.240	204	264	6300	12.5
400	8.400	340	440	14700	7.8

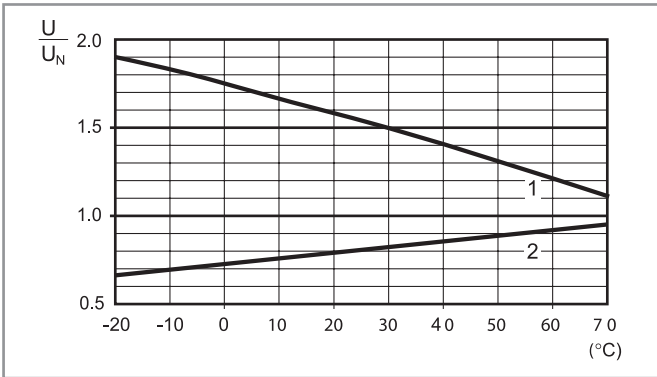
DC (NO/nPST-NO) magnetic blow version - ≥ 2.1 mm or ≥ 4.2 mm

Nominal voltage U_N V	Coil code	Operating range		Resistance R Ω	Rated coil consumption I at U_N mA
		U_{min} V	U_{max} V		
6	9.006	5.1	6.6	28	214
12	9.012	10.2	13.2	110	109
24	9.024	20.4	26.4	445	54
48	9.048	40.8	52.8	1770	27
60	9.060	51	66	2760	21.7
110	9.110	93.5	121	9420	11.7
125	9.125	106	138	12000	10.4
220	9.220	154*	242	37300	5.8

* Special version with $U_{min} = 70\% U_N$

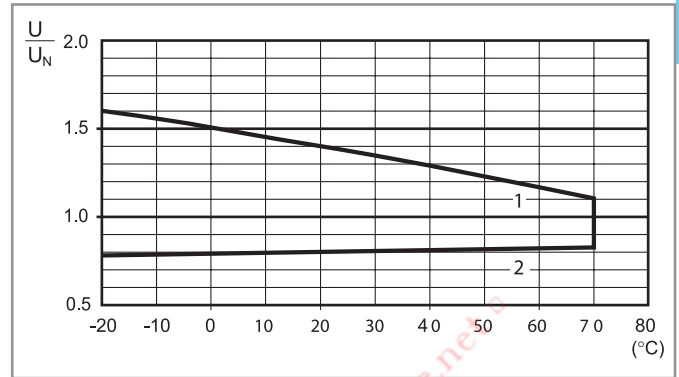
Coil specifications

R 62 - DC coil operating range v ambient temperature
Changeover contacts



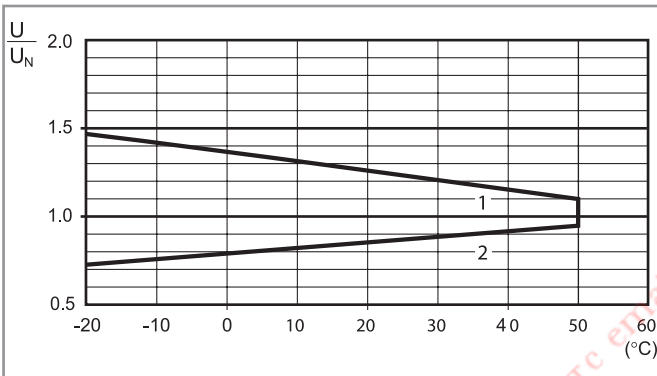
- 1 - Max. permitted coil voltage.
- 2 - Min. pick-up voltage with coil at ambient temperature.

R 62 - AC coil operating range v ambient temperature
Changeover contacts



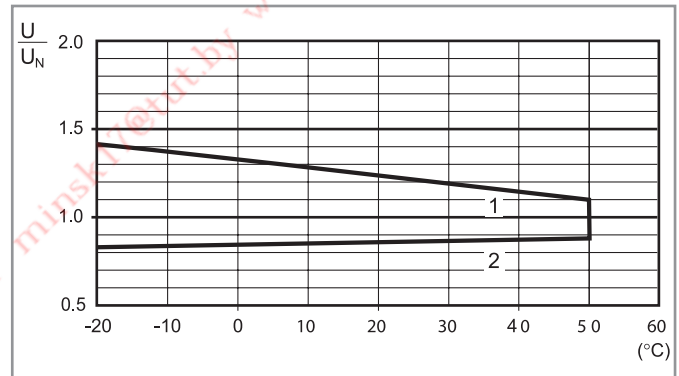
- 1 - Max. permitted coil voltage.
- 2 - Min. pick-up voltage with coil at ambient temperature.

R 62 - DC coil operating range v ambient temperature
Normally open contacts



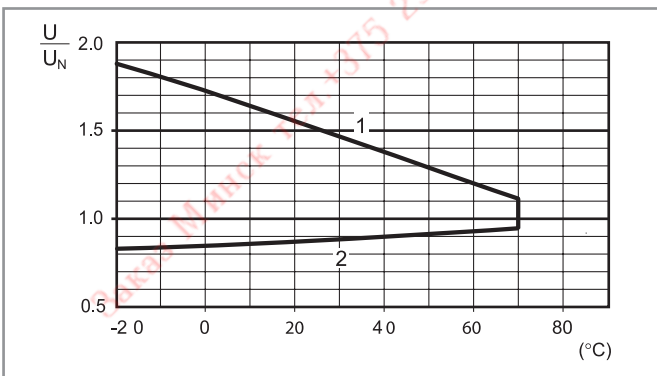
- 1 - Max. permitted coil voltage.
- 2 - Min. pick-up voltage with coil at ambient temperature.

R 62 - AC coil operating range v ambient temperature
Normally open contacts



- 1 - Max. permitted coil voltage.
- 2 - Min. pick-up voltage with coil at ambient temperature.

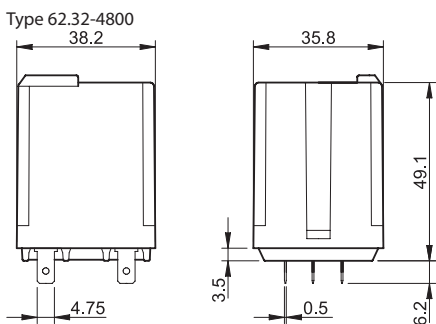
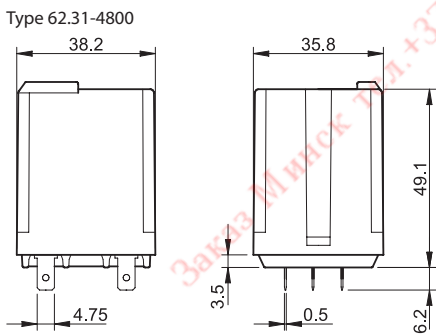
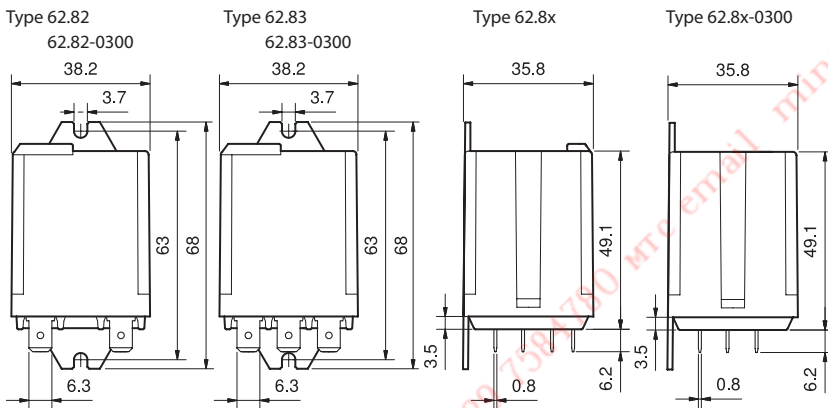
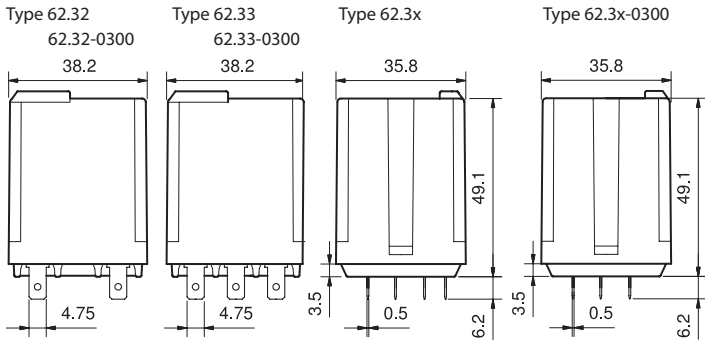
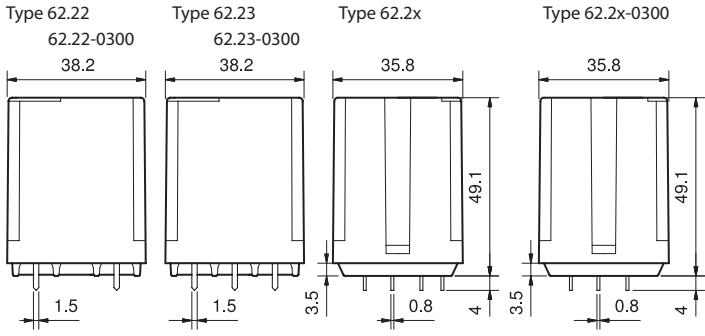
R 62 - DC coil operating range v ambient temperature
Normally open contacts - magnetic blow version



- 1 - Max. permitted coil voltage.
- 2 - Min. pick-up voltage with coil at ambient temperature.

Outline drawings

A



Завантаження email: mmsk17@tut.by www.fotorele.net

Accessories



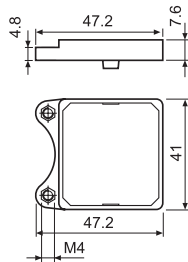
062.10



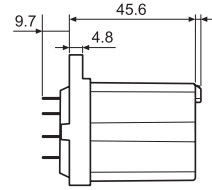
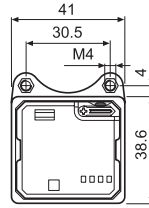
062.10 with relay

Mounting adaptor for types 62.3x and 62.8x.xxxx.xxx9 (M4)

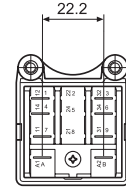
062.10



062.10



062.10 with relay



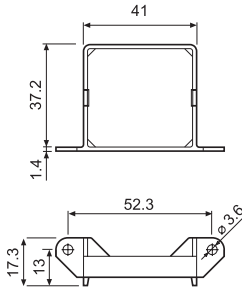
062.60



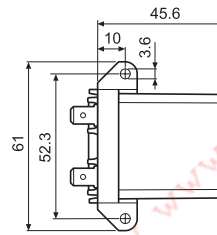
062.60 with relay

Flange mounting adaptor for types 62.3x and 62.8x.xxxx.xxx9

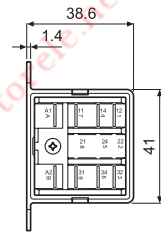
062.60



062.60



062.60 with relay



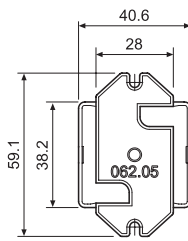
062.05



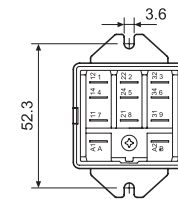
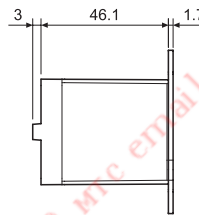
062.05 with relay

Top flange mount for types 62.3x and 62.8x.xxxx.xxx9

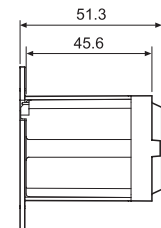
062.05



062.05



062.05 with relay



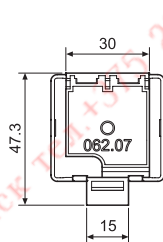
062.07



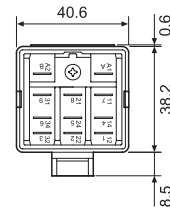
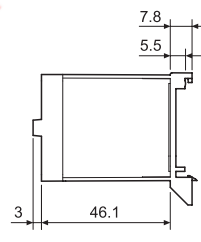
062.07 with relay

Top 35 mm rail (EN 60715) mount for types 62.3x and 62.8x.xxxx.xxx9

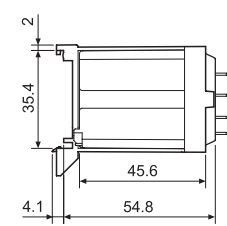
062.07



062.07



062.07 with relay



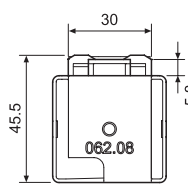
062.08



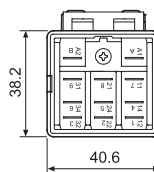
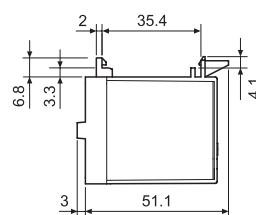
062.08 with relay

Rear 35 mm rail (EN 60715) mount for types 62.3x and 62.8x.xxxx.xxx9

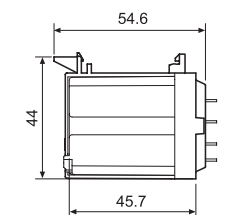
062.08



062.08

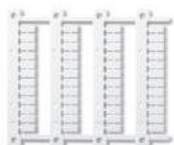


062.08 with relay



Sheet of marker tags (CEMBRE Thermal transfer printers) for 62 series relays, plastic, 48 tags, 6 x 12 mm

060.48



060.48

A

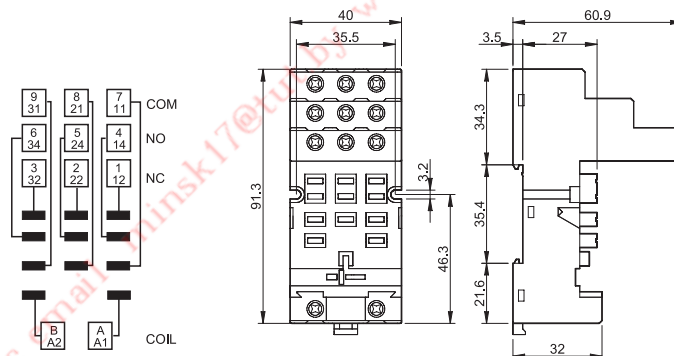
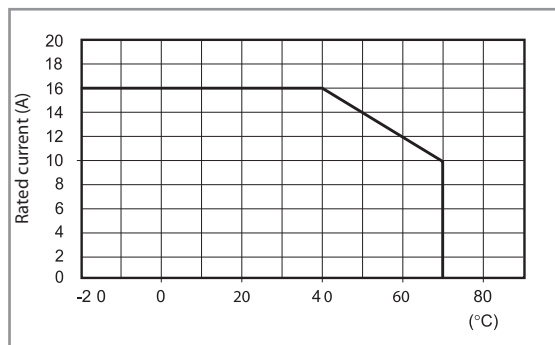


92.03
Approvals
(according to type):



Screw terminal (Box clamp) socket panel or 35 mm rail (EN 60715) mount	92.03 Blue	92.03.0 Black
For relay type	62.31, 62.32, 62.33	
Accessories		
Metal retaining clip (supplied with socket - packaging code SMA)		092.71
Identification tag		092.00.2
Modules (see table below)		99.02
Timer modules (see table below)		86.00, 86.30
Technical data		
Rated values	16 A - 250 V	
Dielectric strength	6 kV (1.2/50 μs) between coil and contacts	
Protection category	IP 20	
Ambient temperature	°C -40...+70 (see diagram L92)	
Screw torque	Nm	0.8
Wire strip length	mm 10	
Max. wire size for 92.03 socket	solid wire	stranded wire
	mm ²	1 x 10 / 2 x 4
	AWG	1 x 8 / 2 x 12

L 92 - Rated current v ambient temperature



86.00



86.30

86 series timer modules		
Multi-voltage: (12...240)V AC/DC; Multi-functions: AI, DI, SW, BE, CE, DE, EE, FE; (0.05 s...100 h)		86.00.0.240.0000
(12...24)V AC/DC; Bi-function: AI, DI; (0.05 s...100 h)		86.30.0.024.0000
(110...125)V AC; Bi-function: AI, DI; (0.05 s...100 h)		86.30.8.120.0000
(230...240)V AC; Bi-function: AI, DI; (0.05 s...100 h)		86.30.8.240.0000

Approvals
(according to type):



99.02
Approvals
(according to type):



99.02 coil indication and EMC suppression modules for 92.03 socket		
Diode (+A1, standard polarity)	(6...220)V DC	99.02.3.000.00
LED	(6...24)V DC/AC	99.02.0.024.59
LED	(28...60)V DC/AC	99.02.0.060.59
LED	(110...240)V DC/AC	99.02.0.230.59
LED + Diode (+A1, standard polarity)	(6...24)V DC	99.02.9.024.99
LED + Diode (+A1, standard polarity)	(28...60)V DC	99.02.9.060.99
LED + Diode (+A1, standard polarity)	(110...220)V DC	99.02.9.220.99
LED + Varistor	(6...24)V DC/AC	99.02.0.024.98
LED + Varistor	(28...60)V DC/AC	99.02.0.060.98
LED + Varistor	(110...240)V DC/AC	99.02.0.230.98
RC circuit	(6...24)V DC/AC	99.02.0.024.09
RC circuit	(28...60)V DC/AC	99.02.0.060.09
RC circuit	(110...240)V DC/AC	99.02.0.230.09
Residual current by-pass	(110...240)V AC	99.02.8.230.07

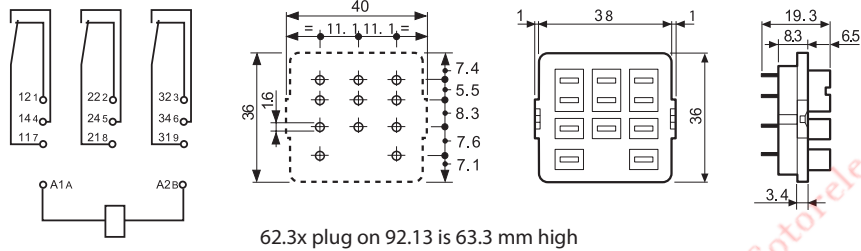
DC Modules with
non-standard polarity
(+A2) on request.



92.13
Approvals
(according to type):

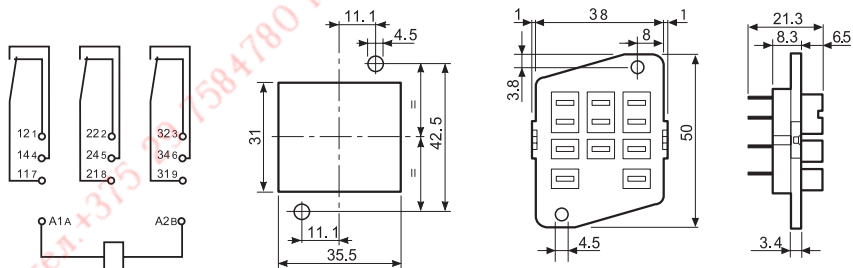
PCB socket	92.13 (blue)	92.13.0 (black)
For relay type	62.31, 62.32, 62.33	
Accessories		
Metal retaining clip (supplied with socket - packaging code SMA)	092.54	
Technical data		
Rated values	10 A - 250 V	
Dielectric strength	2.5 kV AC	
Ambient temperature	°C -40...+70	

A



92.33
Approvals
(according to type):

Panel mount solder socket mounted with M3 screw	92.33 (blue)
For relay type	62.31, 62.32, 62.33
Accessories	
Metal retaining clip (supplied with socket - packaging code SMA)	092.54
Technical data	
Rated values	10 A - 250 V
Dielectric strength	2.5 kV AC
Ambient temperature	°C -40...+70



Packaging codes

How to code and identify retaining clip and packaging options for sockets.

Example:

