



750L 782L

- Used for switching a higher power (load) than the capacity of switched element = amplifier.
- For auxiliary lighting control, signalization, the relay interlockings, boilers, heaters.
- 3x changeover contacts of 10 A (AgNi) for 750L.
- 4x changeover contacts of 6 A (AgNi) for 782L.
- Recommended sockets - ES-11 socket for 750L, ES-15/4N socket for 782L.

Technical parameters	750L	782L
<b>Contacts</b>		
Number of switching contacts:	3	4
Contact material:	AgNi	AgNi
Rated voltage:	AC 250 V/440 V (50 - 60 Hz)	AC 250 V/250 V (50 - 60 Hz)
Rated current:	10 A	6 A
Peak current:	20 A	12 A
Switching capacity (AC1):	10A/250A	6A/250A
Switching capacity (AC3):	370W	125W
	(single-phase motor)	(single-phase motor)
Switching capacity (AC15):	3A/120 V/1.5A/240 V	1.5A/120 V/0.75A/240 V
Switching capacity (DC1):	10 A / 24 V DC	6 A / 24 V DC
Switching capacity (DC13):	0.22 A / 120 V 0.1 A/250 V	0.22 A / 120 V 0.1 A/250 V
Minimum switching voltage / current:	5 mA / 5 V	5 mA / 5 V
<b>Coil</b>		
	1.5 W / DC	1.5 W / DC
Rated Voltage (DC):	12, 24, 48, 60, 110, 120, 220 V	5, 6, 12, 24, 60, 80, 125, 220 V
Rated voltage (AC, 50-60 Hz):	12, 24, 48, 60, 115, 120, 230, 240 V	12, 24, 42, 60, 80, 110, 115, 127, 230, 240 V
Rated power (AC / DC):	AC 2.8 VA (50 Hz) / 2.5 VA (60 Hz) / DC 1.5 W	AC 1.6 VA / DC 0.9 W
Tolerance of supply voltage:	-20 / +10 %	-20 / +10 %
<b>Isolating data</b>		
Rated insulation voltage (AC):	2500 V	2500 V
<b>Dielectric strength (AC)</b>		
Coil - contact:	2500 V	2500 V
Contact - contact:	1500 V	1500 V
Isolating resistance at 500 V DC:	10 <sup>7</sup> Ω	10 <sup>7</sup> Ω
<b>Distance contact - coil</b>		
Air:	≥ 3 mm	≥ 1.6 mm
Surface:	≥ 4.2 mm	≥ 3.2 mm
<b>General information</b>		
Mechanical life:	≥ 2x10 <sup>7</sup>	1x10 <sup>7</sup>
Electrical life (AC1):	≥ 2x10 <sup>5</sup> 10 A / 250 V AC	≥ 10 <sup>5</sup> 6 A / 250 V AC
<b>Max. switching frequency</b>		
At rated load:	1200 cycles / hrs	1200 cycles / hrs
Without load:	12000 cycles / hrs	18000 cycles / hrs
Pick-up time / returning contact:	max. 12 / 10 ms	max. 10 / 8 ms
Working temperature:	-40.. +55 °C (-40 to 131 °F)	-40.. +55 °C (-40 to 131 °F)
Storage temperature:	-40 .. +85 °C (-40 to 185 °F)	-40.. +85 °C (-40 to 185 °F)
Protection:	IP40 from the front panel	IP40 from the front panel
Dimensions:	35 x 35 x 54.4 mm	27.5 x 21.2 x 35.6 mm
Weight:	84 g (3 oz)	31 g (1.1 oz)
Standards:	EN 60947-4-1, EN 60947-5-1	EN 61810-1, EN 60255-1-00, EN 61810-7

Coil data for 750L

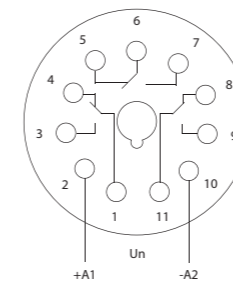
Product Type	Voltage [V]	Resistance [Ω]
<b>AC voltage</b>		
5012	AC 12	18.5
5024	AC 24	75
5048	AC 48	305
5060	AC 60	475
5115	AC 115	1 840
5120	AC 120	1 910
5230	AC 230	7 080
5240	AC 240	7 760
<b>DC voltage</b>		
1012	DC 12	110
1024	DC 24	430
1048	DC 48	1 750
1060	DC 60	2 700
1110	DC 110	9 200
1120	DC 120	11 000
1220	DC 220	37 000

Coil data for 782L

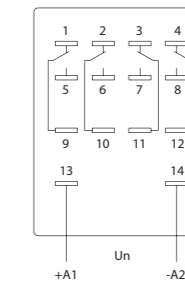
Product Type	Voltage [V]	Resistance [Ω]
<b>AC voltage</b>		
5006	AC 6	9.8
5012	AC 12	39.5
5024	AC 24	158
5042	AC 42	470
5060	AC 60	930
5080	AC 80	1 720
5110	AC 110	3 450
5115	AC 115	3 610
5127	AC 127	4 000
5230	AC 230	16 100
5240	AC 240	16 800
<b>DC voltage</b>		
1005	DC 5	28
1006	DC 6	40
1012	DC 12	160
1024	DC 24	640
1060	DC 60	4 000
1080	DC 80	7 100
1125	DC 125	16 000
1220	DC 220	15 400

Connection

750L



782L



Socket

ES-11 for 750 L

Max. Current: 10A  
Weight: 60 g (2.1 oz.)  
Mounting on DIN rail  
Designed for 3- relay contacts



ES-15/4N - for 782L

Max. Current: 12A  
Weight: 59 g (2 oz.)  
Mounting on DIN rail  
Designed for 4- relay contacts



EAN code

750L/110 V DC	8595188129992	782L/12V AC	8595188119085	ES-15/4N	8595188119245
750L/120 V AC	8595188130028	782L/12V DC	8595188119030	ES-11	8595188129879
750L/12V AC	8595188130011	782L/230 V AC	8595188119115	ES8	8595188136167
750L/12V DC	8595188129978	782L/24V AC	8595188119092	Clip to relay 750L	8595188119283
750L/230 V AC	8595188119221	782L/24V DC	8595188119047	Clip to relay 782L	8595188119276
750L/24V AC	8595188119207	782L/6V DC	8595188129909		
750L/24V DC	8595188125147				
750L/48V DC	8595188129985				

Accessories

To ES-11 socket - for 750L

Clip to relay 750L: 16-1351



To ES-15/4N socket - for 782L

Swivel label - TR1  
The LED module, the protective diode and R/C member can be assigned into the slot.

