

### Modular Contactors BMC1-32 (32A 2P)



Denor Modular Contactors BMC1-32 used for commutation of single-phase and low power electrical consumers. They can be used to remote control applications in alternative networks: Lighting, heating ventilation roller blinds, sanitary hot water; mechanical ventilation systems, etc.

#### FUNCTIONS:

- switching on of consumers
- making of control systems
- remarkable with high reliability of current characteristics
- reliable switching on or separation of power contacts

#### TECHNICAL DATA:

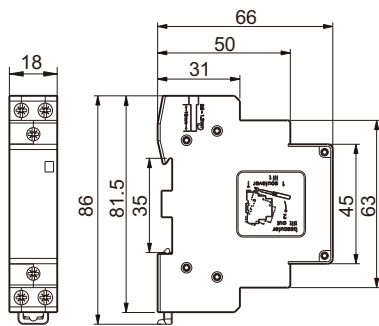
- comply with standards IEC/EN 61095 standards IEC/EN 60947-4-1
- operation class: AC-7a, AC-7b, AC-1, AC-3

#### TECHNICAL DATA:

- rated operating voltage of the controlling coil: 12Vac ; 24Vac ; 48Vac ; 110Vac ; 127Vac ; 230Vac ; 220-240Vac 50/60Hz, etc
- insulation voltage: 500V AC
- pollution degree: 2
- rated impulse withstand voltage (Uimp): 2.5kV (4kV for 12/24/48V AC)
- electrical endurance (number of cycles): ≥100,000

#### MOUNTING:

- mounting to 35mm DIN-rail
- mounting : vertical gradient – maximum ± 5°
- plastic: nonflammable (self-extinguishing material)
- ambient temperature: -10°C to + 65°C
- degree of protection (IEC 60529) : IP20
- tropicalization (IEC 60068-1) : treatment 2 (relative humidity 95% at 55°C)



BMC1-32

### Consumption

Type	Rating (In)		Control voltage (VAC)(50/60Hz)	Consumption		Max. power
	AC-7a AC-1	AC-7b AC-3		Holding	Inrush	
1P	32A	12A	12	3.8 VA	15 VA	1.4 W
			24	3.8 VA	15 VA	1.4 W
			48	3.8 VA	15 VA	1.4 W
			220...240	2.7 VA	9.2 VA	1.3 W
2P						
32A	12A	24	3.8 VA	15 VA	1.4 W	
		48	3.8 VA	15 VA	1.4 W	
		220...240	2.7 VA	9.2 VA	1.3 W	

### Basic Information

Type	Rating (In)		Control voltage (VAC)(50/60Hz)	Contact	In 18 mm modules	Denor code
	AC-7a AC-1	AC-7b AC-3				
1P	32A	12A	230	1NO	1	MC321NO
				1NC	1	MC321NC
2P	32A	12A	230	2NO	1	MC322NO
				2NC	1	MC322NC
				1NO+1NC	1	MC321NO1NC

