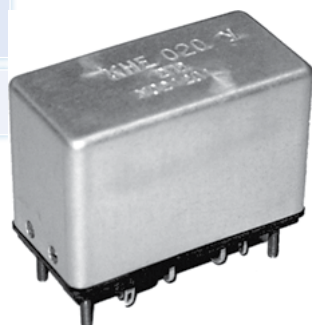


ELECTROMAGNETIC CONTACTORS

KNE, KNI series

ТУ16-94-БКЖИ.644131.001ТУ, ТУ16-94-ИБМШ.644131.005ТУ



**Contactors
KNE U and KNI
series**

KNE U contactors are monostable self-resetting electromagnetic devices with DC control circuits.

KNI contactors are bistable polarized electromagnetic switching devices. They are operated by square voltage pulses with duration of not less than 0,3s.

Contactors are intended for switching of DC circuits up to 132 V and AC circuits up to 418 V, with frequency ranging from 50 to 1000 Hz and can be used in critical devices of mobile and fixed installations: in military equipment, shipbuilding, aviation and space equipment, on NPPs, etc.

Mechanical durability, CO cycles.....	100000
Electrical durability, CO cycles	from 5 to 10 ⁵ (depending on the switching mode)
Voltage drop at contacts at current from 0,5A to rated, not more, V	0,4
Switching frequency, per hour, not more.....	1200
Pickup time for KNE U contactors, ms	10÷40
Dropout time, ms.....	1÷25
Pickup and dropout time for KNI contactors, not more, ms.....	50
Protection level.....	IP40
Protection level of terminals.....	IP00
Service life, years	20

Contactors can be used in various environmental conditions and are highly reliable.

Technical Data

Value	Type	Number of contacts		Rated Current of contacts, I _r , A		DC control voltage, V	Weight, kg	
		main, NO	auxiliary, changeover	main	auxiliary			
0	KNE 030U	3	2	16	5	12; 24; 27	0,14	
	KNE 020U	2		25				
	KNI 030	3	16					
	KNI 020	2	25					
1	KNE 130U	3	2	25		5	12;24;27; 110;220	0,22
	KNE 120U	2		40				
	KNI 130	3	1	25				
	KNI 120	2	40					
2	KNE 230U	3	2	63		5	12; 24; 27	0,36
	KNI 230		1					
	KNE 220U	2	2	100				
	KNI 220		1					

Schematic diagrams

