

# Contactors KNL43-KNL75

## Accessories



Snap-on auxiliary switch blocks

### TECHNICAL DATA

		Symbol	Unit	NDL4
GENERAL	Type			
	Standards			IEC/EN 60947-5-1, VDE 0660, UL 508
	Approvals			CE, UL, CSA
	For use with			KNL43, KNL43UL, KNL63, KNL63UL, KNL75
	Module width			2
	Number of poles			2 or 4
	Degree of protection			IP20
	Pollution degree			3
	Ambient temperature			
	open		°C	-25 ... +55
	closed			-25 ... +45
	Storage temperature		°C	-30 ... +80
	Maximum altitude		m	2000
	U <sub>i</sub> and U <sub>e</sub> is reduced for 1.2 % and I <sub>e</sub> for 0.4 % for every additional 100 m			
Maximum operating frequency with no load		op. c./h	3000	
Mechanical endurance		op. c.	10.000.000	
Weight		g	70	
AUXILIARY CIRCUIT	Contact reliability			≥17 V; ≥50 mA
	Maximum back-up fuse for short-circuit protection gL and gG: coordination type 2			16
	Rated insulation voltage	U <sub>i</sub>	V	690
	Rated impulse withstand voltage	U <sub>imp</sub>	kV	6
	Rated operational voltage	U <sub>e</sub>	V	690
	Rated frequency	f	Hz	50 /60
	Thermal current	I <sub>th</sub>	A	16
	Rated operational current for AC-15:			
	single-phase 230 V	I <sub>e</sub>	A	6
	single-phase 400 V			4
	single-phase 500 V			2
	single-phase 690 V			1
	Maximum operating frequency for AC-15		op. c./h	1.200
	Electrical endurance for AC-15		op. c.	500.000
	Switching of auxiliary loads acc. to standard UL and CSA			A600, N600
	Rated operational current for DC-13:			
	1 pole ... 24 V DC/ 60 V DC/ 110 V DC/ 220 V DC		A	10 / 4 / 0.9 / 0.4
	Maximum operating frequency for DC-13		op. c./h	1.200
	Electrical endurance for DC-13		op. c.	500.000
	Terminal capacity:			
rigid (solid and stranded)	S	mm <sup>2</sup>	0.75 ... 4	
flexible			0.5 ... 2.5	
Length of removed wire insulation		mm	10	
Screw			M3.5	
Screw head			PZ2	
Tightening torque		Nm	1.4	