

Connection

Type		Rating	Lenght tripping	Circuit	Tightening torque	Copper cables	
						Rigid	Flexible or ferrule
							
OCT	PZ1:4 mm	16-100A	9mm	Control	0.8N.m	1.5to 2.5mm: 2 × 1.5mm ²	1.5to 2.5mm: 2 × 2.5mm ²
		16 and 25A				1.5to 6mm ²	1 to 4mm ²
	PZ2:6 mm	40A-63A	14mm	Power	3.5N.m	6 to 25 mm ²	6 to 16 mm ²
		100A				6 to 35mm ²	6 to 35mm ²
OCTc	PZ1:4mm	-	9mm	-	0.8N.m	1.5to 2.5mm: 2×1.5mm ²	1.5to 2.5mm: 2×2.5mm ²

Technical data

Power circuit

Voltage rating(Ue) 1P,2P 250V AC

3P,4P 400V AC

Frequency 50Hz or 60Hz

Endurance(O-C)

Electrical 100,000 cycles

Maximum number of switching operation a day 100

Additional characteristics

Insulation vwltage(Ui) 500 V AC

Pollution degree 2

Rated impulse withstand voltage(Uimp) 2.5kV(4 kV for 12/24/48V AC)

Degree of protection Device only IP20

(IEC 60529) Device in modular enclosure IP40

Operating temperature -5°Cto+60°C⁽¹⁾

Storage temperature -40°Cto+70°C

Tropicalization(IEC 60068-1) Treatment 2(relative humidity 95% at 55°C

ELSV compliance(Extra Low Safety Voltage)for 12/24/48vac versions

The product control conforms to the SELV(safety extra low voltage)requirements

(1)In the case of contactor mounting in a enclosure for which the interior temperature is in range between 50°Cand 60°C,it is necessary to use a spacer, between each contactor

Consumption

OCT contactors

Type

1P	Rating(In)		Control voltage (V AC)(50 Hz)	Consumption		Max. power
	AC7a	AC7b		Holding	Inrush	
	16A	5A	12	3.8VA	15VA	1.3W
			24	3.8VA	15VA	1.3W
			48	3.8VA	15VA	1.3W
			220	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.2W
	25A	8.5A	220	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.2W
2P						
	16A	5A	12	3.8VA	15VA	1.3W
			24	3.8VA	15VA	1.3W
			48	3.8VA	15VA	1.3W
			220	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.3W
			12	3.8VA	15VA	1.3W
			24	3.8VA	15VA	1.3W
			220	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.2W
	20A	6.4A	230...240	2.7VA	9.2VA	1.2W
	25A	8.5A	24	3.8VA	15VA	1.3W
			48	3.8VA	15VA	1.3W
			220	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.2W
			220	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.2W
	40A	15A	220...240	4.6VA	34VA	1.6W
	63A	20A	24	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
	100A	-	220...240	6.5VA	53VA	2.1W
4P						
	16A	5A	24	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
	20A	6.4A	220...240	4.6VA	34VA	1.6W
	25A	8.5A	24	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
			24	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
	40A	15A	220...240	6.5VA	53VA	2.1W
			220...240	6.5VA	53VA	2.1W
	63A	20A	24	6.5VA	53VA	2.1W
			220...240	6.5VA	53VA	2.1W
			24	6.5VA	53VA	2.1W
			220...240	6.5VA	53VA	2.1W
			220...240	6.5VA	53VA	2.1W
	100A	-	220...240	13VA	106VA	4.2W