

THYRITOP 100

25 TO 90 A SINGLE-PHASE
STATIC RELAY



**The most widely-used type
of static relay in industry**

Current range from 25 A to 90 A
24 V and 600 V voltage ranges
DC or AC logical control
Single-phase
For resistive loads

THYRITOP 100 | SINGLE-PHASE STATIC RELAY

The compact, complete **THYRITOP 100** range of static relays operates in Burst Firing mode with logical control. The relay is activated when the voltage switches to zero and deactivated when the current switches to zero. It is designed for use in applications with high transients.

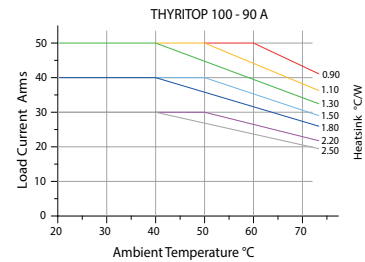
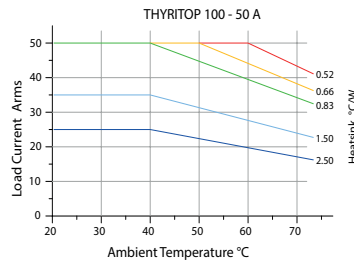
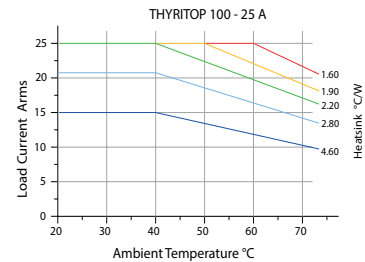
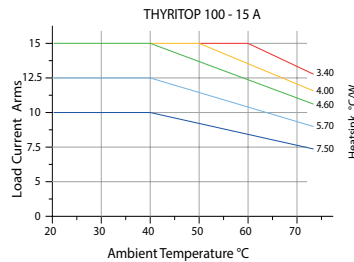
Main sectors of application

- ▶ Packaging machines
- ▶ Manufacturing machines
- ▶ Extrusion lines
- ▶ Drying ovens
- ▶ Thermoforming machines
- ▶ Control applications with high switching speeds



General specifications Derating curves

Current ranges	40 A - 50 A - 60 A - 75 A - 90 A
Rated voltage ranges	240 Vac - 480 Vac - 600 Vac
Logical control input	<ul style="list-style-type: none"> • 24 Vdc • 230 Vac
Activation	<ul style="list-style-type: none"> • Switch to zero voltage
Available options	<ul style="list-style-type: none"> • Protection against overvoltages • Terminal strips (4 types) • Radiators (heat sinks) • Thermal grease • DIN-rail adapter • Fuse + fuse holder



To order

24 VDC control voltage

Assembly	Current range (A)	240 V voltage				480 V voltage				600 V voltage				Dimensions (mm)		
		Rated power (kW)	Overvoltage protection		Rated power (kW)	Overvoltage protection		Rated power (kW)	Overvoltage protection		L	H	w			
			Without	With		Without	With		Without	With						
			Reference	Reference		Reference	Reference		Reference	Reference						
Single-phase	15	4	P01661000	P01661001	7	P01661002	P01661003	9	-	-	45	58	46			
	25	6	P01661004	P01661005	12	P01661006	P01661007	15	-	P01661008	45	58	46			
	50	12	P01661009	P01661010	24	P01661011	P01661012	30	-	P01661013	45	58	46			
	90	22	-	P01661014	43	-	P01661015	54	-	P01661016	45	58	46			

230 VAC control voltage

Assembly	Current range (A)	240 V voltage				480 V voltage				600 V voltage				Dimensions (mm)		
		Rated power (kW)	Overvoltage protection		Rated power (kW)	Overvoltage protection		Rated power (kW)	Overvoltage protection		L	H	w			
			Without	With		Without	With		Without	With						
			Reference	Reference		Reference	Reference		Reference	Reference						
Single-phase	15	4	P01661017	P01661018	7	-	-	9	-	-	45	58	46			
	25	6	P01661019	P01661020	12	P01661021	P01661022	15	-	P01661023	45	58	46			
	50	12	P01661024	P01661025	24	P01661026	P01661027	30	-	P01661031	45	58	46			
	90	22	-	P01661029	43	-	P01661030	54	-	P01661029	45	58	46			

In stock

CE UL CSA

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