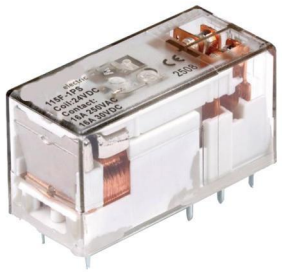
Industrial control relay

115F-1PS &
115F-2PS Relay



Relay

115F– □ □ □ □

- **Coil voltage**
  5,6,9,12,24,48,60,110VDC
  24,115,230VAC
- **Plastic Seal**
  Nil:No plastic seal S:Plastic seal
- **Contact arrangement**
  1P□ 1FormC 2P□ 2FormC
- **Nil:** General type **W:** High current type
- **Series Name**



Socket



Relay module

Specification

Contact	Configuration		1C/1A	2C/2A
	Load	Resistive load (AC-1)	12A,16A/250VAC,30VDC	8A/250VAC,30VDC
		Motor load (AC-15)	1/2HP, 240VAC;3/4HP,120VAC	1/3HP,240VAC,1/4HP,120VAC
	Max. switching capacity (resistive)		3000VA,360W;4000VA,480W	2000VA,240W
	Min. switching capacity		170mW(17V/10mA)	
	Initial contact resistance		≤100mΩ	
	Material		Ag alloy	
	Electrical durability (110% rated voltage , 85°C)		3.5mm: 1NO 12A; 1NC 6A ≥10^5 Cycles(85°C)	5.0mm: 2NO 8A; 2NC 4A ≥10^5 Cycles(85°C)
			5.0mm: 1NO 16A; 1NC 8A ≥10^5 Cycles(85°C)	-
	Electrical Durability (Normal temperature		3.5mm: 1NO 12A; 1NC 12A ≥5x10^4 Cycles (23°C)	5.0mm:2NO 8A; 2NC 8A ≥5x10^4 Cycles(23°C)
			5.0mm: 1NO 16A; 1NC 16A ≥3x10^4 Cycles(23°C)	-
	Mechanical durability		Dc≥5000x10^4 Cycles (18000 Ops/h); Ac≥3000x10^4 Cycles (18000 Ops/h)	
Pick-up voltage (23°C) (Rated voltage)			DC≤70%	
Drop-out voltage (23°C) (Rated voltage)			DC:≥10%	
Maximum voltage (23°C) (Rated voltage)			130%	
Insulation resistance			≥1000MΩ (500VDC)	
Coil operating power		DC(W)	approx. 0.43	
		AC(VA)	approx. 1	
Operate time			≤10ms	
Release time (at nominal voltage)			≤5ms	
Initial breakdown voltage		Between open contacts	1000VAC/1min (leakage current 1mA)	1000VAC/1min (leakage current 1mA)
		Between poles	-	2500VAC/1min (leakage current 1mA)
		Between contacts and coil	5000VAC/1min (leakage current 1mA)	5000VAC/1min (leakage current 1mA)
Insulation characteristics IEC 60664 UL840		Rated voltage	250VAC	
		Pollution level	3	
		Overvoltage level	III	
Equivalent Product		Finder	41.31/41.61	41.52
		OMRON	G2R1	G2R2