Industrial control relay socket

18F
Miniature intermediate Power Relay



Relay



Socket



Relay module

18FT □–□□□

- **Coil voltage**
  6-220VDC
  6-380VAC
- **Options**
  None: Ordinary dust cover, plug-in terminal
  S:Seal
- **Options**
  LT:LED+test button
  LTD:LED+test button+diode (13-,14+)
  LTD1: LED+test button+diode(13+,14-)
  LT A: LED+test button+gold plated contact
  LTD A: LED+test button+diode+gold plated contact
- **Contact form**
  2,4(C:changeover)
- **Series Name**

Specification

Contact	Contact form		2C	4C
	Rated load	Resistive (AC-1)	10A/250VAC,30VDC	5A/250VAC,30VDC
		Motor (AC-15)	1/6HP,240VAC	
	Operating power(Resistive)		1250VA,150W	
	Contact resistance(Initial)		≤50mΩ	
	Material		Ag alloy	
	Electrical endurance		⩾10^5cycles(1800 Ops/h)	
	Mechanical endurance		⩾10^7cycles(18000 Ops/h)	
Pick-up voltage (23℃)			DC:⩽75%Rated voltage,AC:⩽80%Rated voltage	
Drop-out voltage (23℃)			DC:⩾10%Rated voltage,AC:⩾30%Rated voltage	
Max.Allowed voltage((25℃)			110%Rated voltage	
Insulation resistance			⩾ 500mΩ(500VDC)	
Coil power consumption	DC(W)		0.9	
	AC(VA)		1.2	
Operate time(at nominal voltage)			⩽20ms	
Release time(at nominal voltage)			⩽20ms	
Initial dielectric strength	Between contacts		1000VAC/1min (Leakage current 1 mA)	
	Between poles		1000VAC/1min (Leakage current 1 mA)	
	Between contact and coil		2000VAC/1min (Leakage current 1 mA)	
Ambient temperature			-55~+70℃	
Humidity			35%~85%RH	
Atmospheric Pressure			86~106KPa	
Shock resistance			10G(Half a wave of pulses of sine:11ms)	
Vibration resistance			10~55Hz Dual amplitude:1.5mm	
Installation mode			Plug-in terminals	
Weight			Approx. 35g	
Matched relay socket			18F-2Z-C1 18F-2Z-C2 18F-2Z-C4 18F-2Z-C5 18F-2Z-PI	18F-3Z-C1 18F-3Z-C2 18F-3Z-C5	18F-4Z-C1 18F-4Z-C2 18F-4Z-C4 18F-4Z-C5 18F-4Z-PI
Equivalent Product	finder		55.32	55.34
	Schneider		RXM2AB2	RXM4AB2
	OMRON		MY2-GS	MY4-GS

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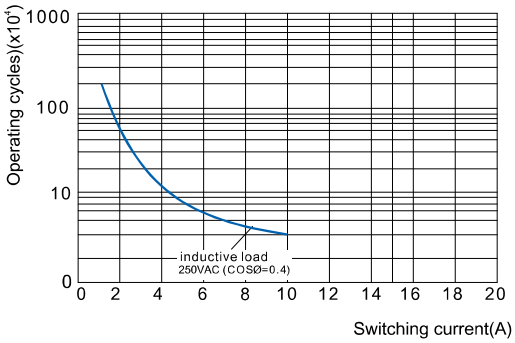
CE

Coil Specifications (23°C)

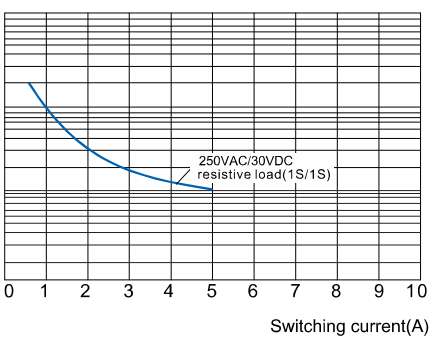
Rated voltage V.DC	6	9	12	24	36	48	110	220		
Coil resistance (±10%)	40	90	160	630	1500	2600	11000	42000		
Rated voltage V.AC	6	12	24	36	48	110	120	230	240	380
Coil resistance (±10%)	11.5	40	160	370	600	3750	3900	15000	18790	42000

Contact Specification

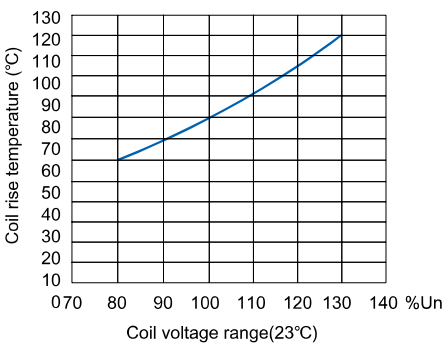
18FT-2PL Electrical durability contacts



18FT-4PL Electrical durability contacts

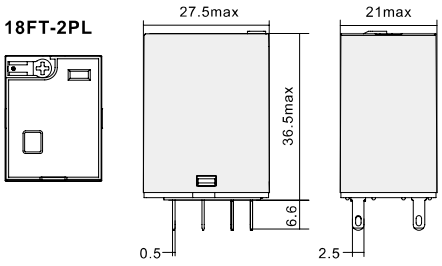


18FT-2PL&18FT-4PL Coil temperature

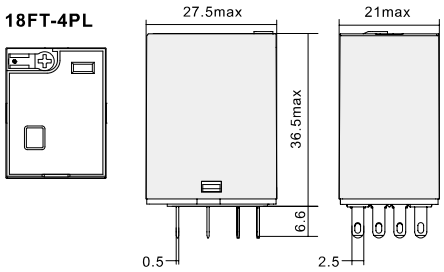


Dimensions (mm)

18FT-2PL

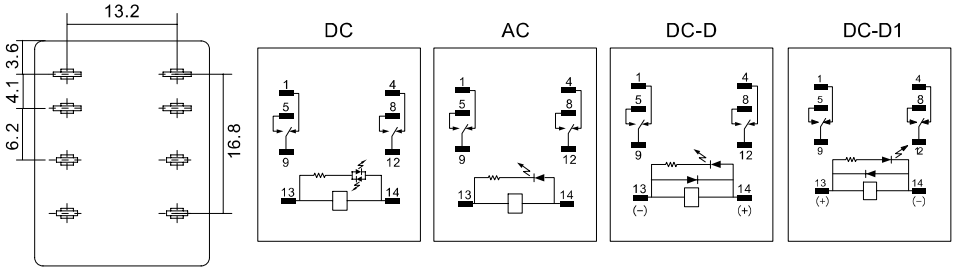


18FT-4PL



Wiring Diagrams

18FT-2PL



18FT-4PL

