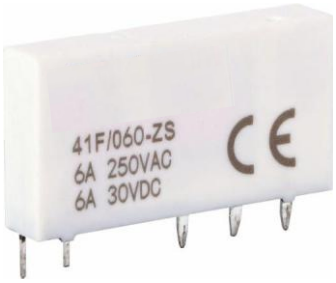
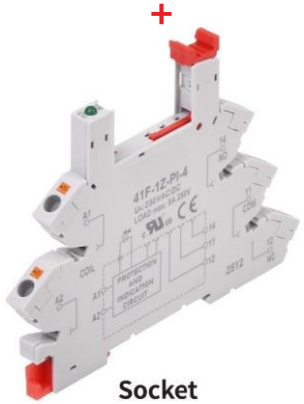
41F
Slimline Interface Relay Module



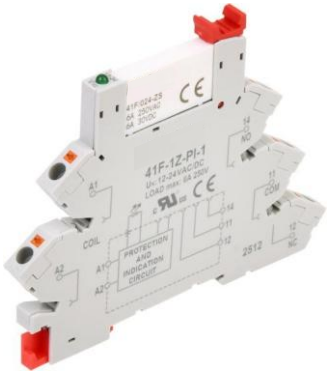
Relay

+



Socket

=



Relay module

41F □ □ □ □ □

Other options
G: Gold plated
Nil: No gold plated

Construction
S: Plastic Sealed
Nil:Flux Proffed

Terminal arrangement
8: Horizontal pin
Nil: Vertical pin

Contact form
H:1 Form A
Z:1 Form C

Coil voltage code

Code	005	006	012	024
Voltage (V DC)	5	6	12	24
Code	048	060		
Voltage (V DC)	48	60		

Series

Parameter

Contact	Configuration	1A,1C
	Load Resistance	6A/250VAC 30VDC
	Max. switching capacity (resistive)	1500VA,180W
	Min. switching capacity	170mW(17V/10mA)
	Initial contact resistance	≤100mΩ (gold plated contact ≤ 30mΩ)
	Material	Ag alloy
	Electrical durability (normal temperature)(frequency 1s on, 5s off)	NO: $6x10^4$Cycles (600 Ops/h); NC: $3x10^4$ Cycles (600 Ops/h)
	Mechanical durability	≥2 x 10^7Cycles (18000 Ops/h)
Pick-up voltage (23℃) (Rated voltage)		DC:≤75%
Drop-out voltage (23℃) (Rated voltage)		DC:≥5%
Maximum voltage (23℃) (Rated voltage)		110%
Insulation resistance		≥1000MΩ (500VDC)
Coil operating power	3~24 VDC	approx. 0.175W
	48~60 VDC	approx. 0.21W
Operate time (at nominal voltage)		≤8ms
Release time (at nominal voltage)		≤4ms
Initial breakdown voltage	Between open contacts	1000VAC/1min (leakage current 1mA)
	Between contacts and coil	4000VAC/1min (leakage current 1mA)
Insulation characteristics IEC 60664 UL840	Rated voltage	250VAC
	Pollution level	3
	Overvoltage level	III
Impulse withstand voltage (waveform: 1.2/50μs)		4000V
Protection level		IP20
Storage temperature/ humidity		-55~+85℃/ ≤85%RH (18 months)
Working temperature/ humidity		-40~+85℃/ 5%~85%RH (No condensation)
Air pressure		86~106KPa
Shock resistance		10G (half-sine shock pulse: 11ms)
Vibration resistance		10~55Hz double-amplitude:1.0mm
Mounting		PCB
Unit weight		approx. 5.5g

41F
Slimline Interface Relay Module

CE

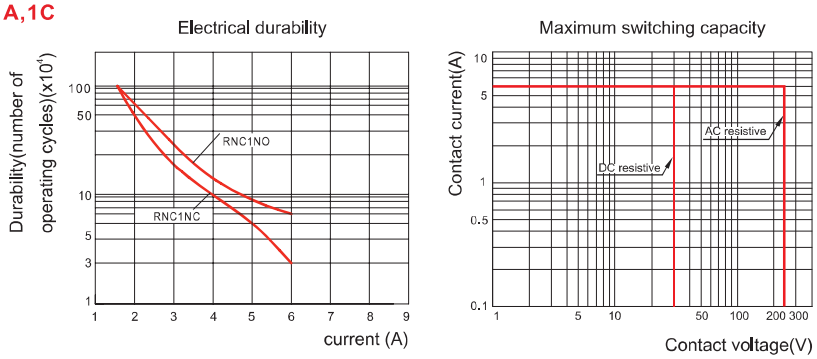
Coil Specifications (23°C)

Nominal voltage V.DC (0.17W)	5	6	12	24
Coil resistance Ω	147	212	847	3250
Nominal voltage V.DC (0.21W)	48	60		
Coil resistance Ω	10971	17143		

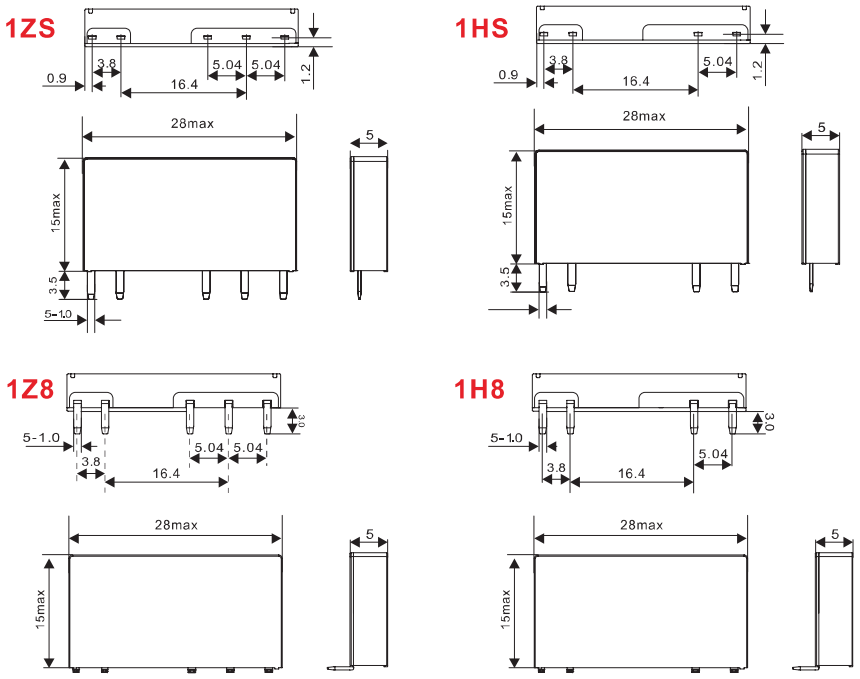
Coil resistance: under coil voltage 110V are measured with tolerance of ±10%Ω.

Contact Specification

41F 1A,1C



Dimensions (mm)



Wiring Diagrams

