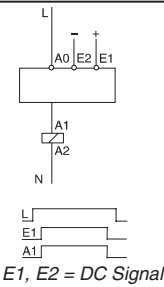


	Description (Relays)	Connection Diagrams	For Use With (Relays)	Cat. No.
 Cat. No. 100-JE	DC Interface (electronic) Interface between the DC control signal (PLC) and the AC operating mechanism of the control relay. Control (input) voltage 12V DC 18...30V DC (24V nominal) 48V DC Requires no additional surge suppression on the relay coils		700-CF with 110...240V AC coils	100-JE
				100-JE12
				100-JE48

		100-JE	100-JE12	100-JE48
Electrical				
Input Voltage		24V DC	12V DC	48V DC
Input Voltage Range		18...30V DC	6...12V DC	35...48V DC
Output Voltage		110...240V DC	110...240V DC	110...240V DC
Power Consumption		0.1...0.4 W	0.02...0.12 W	0.2...0.5 W
Minimum Actuation		5V DC, 2 mA DC	5V DC, 2 mA DC	5V DC, 2 mA DC
Mechanical				
Finger Protection		IP20	IP20	IP20
Pickup Time		0...10 ms + pickup time of the contactor	0...10 ms + pickup time of the contactor	0...10 ms + pickup time of the contactor
Dropout Time		0...10 ms + dropout time of the contactor	0...10 ms + dropout time of the contactor	0...10 ms + dropout time of the contactor
Max. Cycles Per Second		2★	2★	2★
Isolation/Breakdown Voltage		In: 50V, Out: 250V	In: 50V, Out: 250V	In: 50V, Out: 250V
Rated Impulse Withstand Voltage		4 kV	4 kV	4 kV
Environmental				
Ambient Temperature Range		-25...60 °C	-25...60 °C	-25...60 °C
Storage Temperature Range		-50...+80 °C	-50...80 °C	-50...80 °C
Life		100+ million ops	100+ million ops	100+ million ops
Construction				
Wire Size Range	1 Wire	0.5...2.5 mm ² (flexible wire)	0.5...2.5 mm ² (flexible wire)	0.5...2.5 mm ² (flexible wire)
	2 Wire	0.75...2.5 mm ² (flexible wire)	0.75...2.5 mm ² (flexible wire)	0.75...2.5 mm ² (flexible wire)
	1 Wire	1.0...2.5 mm ² (solid wire)	1.0...2.5 mm ² (solid wire)	1.0...2.5 mm ² (solid wire)
	2 Wire	1.0...2.5 mm ² (solid wire)	1.0...2.5 mm ² (solid wire)	1.0...2.5 mm ² (solid wire)
Solid and Stranded		18...14 AWG	18...14 AWG	18...14 AWG
Tightening Torque		1...1.5 Nm/7...15 lb-in	1...1.5 Nm/7...15 lb-in	1...1.5 Nm/7...15 lb-in
Type of Light		LED	LED	LED

* To consider the maximum ops/hour of the relays.