

◆ **Technical Data:**

Model:PR-E-16AC-R

RIEV/TECH



1.16 pcs extensions can be applied to the PR-18 or PR-24 CPU
 2.Connection cable length can be customized(Max. 30 Meters for the distance between the end extension and CPU)

Technical Index

Power supply:	
Nominal voltage	AC110V-240V
Operating limits	AC85 - 265 V
The main frequency range	47-63Hz
Max. absorbed power	53mA (85V ac) ; 38mA (265V ac)
Isolation voltage	1780V AC
Protection against polarity inversions	Yes
Input parameters:	
Input No	8 (I1-I8)
Digital input	8 (I1-I8)
Analogue input	None
Input voltage	AC110-240V
Input signal0	AC0-40V; <0.03mA
Input signal1	AC79-240V; >0.06mA
Input Response Time	Delay time at 0 to 1: 120V AC : Typ. 50 ms 240V AC : Typ. 30 ms Delay time at 1 to 0: 120V AC : Typ. 90 ms 240V AC : Typ.100 ms
Maximum counting frequency	Typ. 4Hz
Sensor type	Contact or 3-wire PNP
Isolation between power supply and inputs	None
Isolation between inputs	None
Protection against polarity inversions	Yes
Output parameters:	
Output No.	8 (Q1-Q8)
Output type	Relay output
Continuous current	(Q1-Q4) Resistive load 3A/Inductive load 1A (Q5-Q8) Resistive load 10A/Inductive load 2A
Max. breaking voltage	AC 250 V DC 110 V
Max. Allowable Power Force	(Q5-Q8)1250VA 300W

	(Q1-Q4) 500VA 100W
Electrical durability Expectancy	10 ⁵ Operations at Rated Resistive Load
Mechanical life	10 ⁷ Operations at No Load condition
Response time	Operate Time : 15 mSec. Max. Release Time : 10 mSec. Max.
Built-in protections	Against short-circuits: None Against overvoltages and overloads: None
Switch frequency:	
Mechanism	10Hz
Resistor/light load	2Hz
Sensitive load	0.5Hz
Other parameters:	
Operation temp	-20°C-55°C
Storage temp	-40°C-70°C
Weight	Approx.300g

Installation Dimensions & Wiring Diagram

