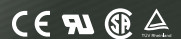


Rise-up Terminal Socket P2RF-□□-ESS

Newly released G2RS relay socket !!

- Double wiring available on all the terminals
- 0.5 to 2.5mm² (AWG 20 to 14) solid wire or standard wire
- Release lever enables easy replacement
- Finger-protection : IP20
- UL/CSA/TUV certification, Lloyds approval coming soon.



Relay- Socket portfolio

Relay	MYS	G2RS	MK	LY	G2RV
Terminal					
Screw	PYF(-E) PYF-N	P2RF P2RF-E	PF□□A(-E)	PTF(-E)	
Rise-up ※BOX type	PYF-ESN PYF-ESS	P2RF-□□-ESS New Release	PF□□□A(-D) PF□□□A(-N)		G2RV-SL700
SLC (clamp)	PYFS	P2RFS			
Push-in					G2RV-SL500

Ordering Information for G2RS socket with Rise-up terminal (box-type)

Type	Relay	Socket	Clip and Release Lever	Nameplate	Socket Bridge
1pole	G2R-1-S series	P2RF-05-ESS	P2CM-ESS	PYC-TR	—
2pole	G2R-2-S series	P2RF-08-ESS			

Specifications

* Product specifications are subject to change without notice.

Rating / Characteristics

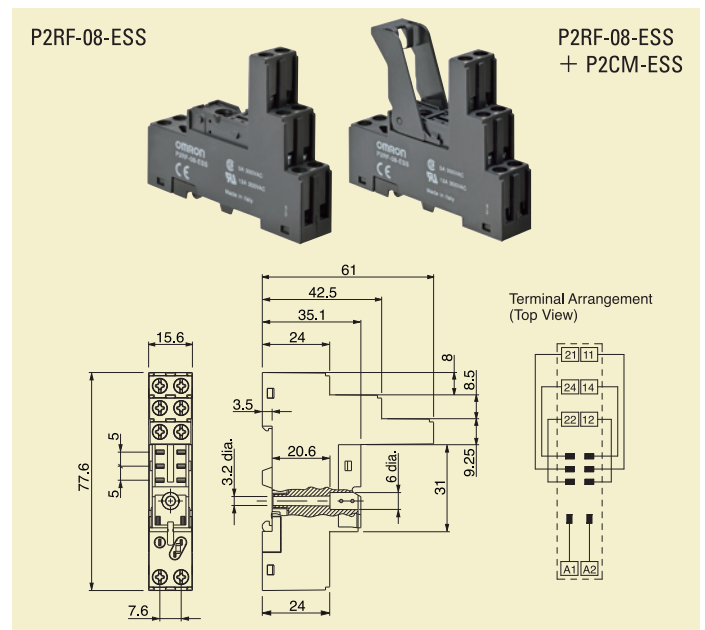
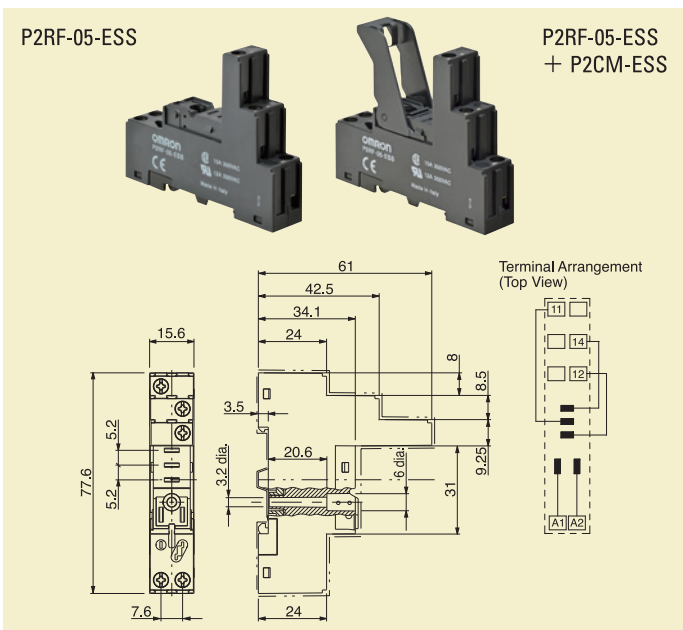
Item		P2RF-05-ESS	P2RF-08-ESS
Relay		G2R-1-S series	G2R-2-S series
Dimensions (W*H*D)		15.6 x 77.6 x 61 max.	
Rated voltage		300 VAC	
Rated carry current		10 A	5 A
Insulation Voltage	Pole/Pole	Same pole : 1000 VAC 1 min, Different pole : 3000 VAC 1 min	
	Coil/Pole	4000V 1 min	
Insulation resistance		Min 1,000 Mohm	
Contact protection degree		IP20B (IEC 529 – EN 60529)	
Operation temperature		-25 to +70°C	
Operation humidity		5% to 85% no icing or condensation	
Applicable wire		0.5 to 2.5mm ² (AWG 20 to 14) solid wire , standard wire	
Number of wire connections		2 wires per terminal	
Vibration resistance		10 to 55 Hz, 0.75 mm single amplitude (1.5 mm double amplitude)*	
Shock resistance		Shock resistance 200 m/s ² when energized ; 100 m/s ² when not energized*	

*Combination with relay, socket, release lever

Approved Standards

Standard	P2RF-05-ESS	P2RF-08-ESS
Safety standard	UL508, CSA C22.2, TUV	
RoHS	Certified	

Dimensions, Terminal Arrangement



OMRON Corporation Industrial Automation Company
Tokyo, JAPAN

Contact: www.ia.omron.com

Regional Headquarters

OMRON EUROPE B.V.
Wegalaan 67-69-2132 JD Hoofddorp
The Netherlands
Tel: (31)2356-81-300/Fax: (31)2356-81-388

Authorized Distributor:

© OMRON Corporation 2013 All Rights Reserved.
In the interest of product improvement,
specifications are subject to change without notice.

Cat. No. J194-E1-01

Printed in Japan
1113 (1113)