

**Schaffner EMI filter for Omron drive series 3G3PV and 3G3RV**

- 10 to 250 A current ratings, 240 V and 480 V versions
- Exceptional attenuation from 150 kHz to 30 MHz
- Excellent saturation resistance
- Very compact footprint / bookform and low weight

**Marking**

Designed according to  
EN 61800-3,  
EN 133200,  
IEC 60939, UL1283, C22.2 No.8

**Cross-reference list drive to filter**

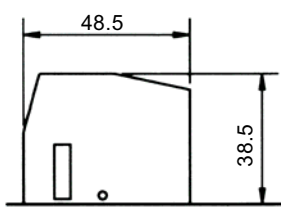
3G3RV- 3G3PV-	Drivedata 3 x 200-240VAC (kW)		lin (A)	OMRON product code
A2004	0.40	5		
A2007	0.75	6		3G3RV-PFI3010-SE
A2015	1.5	10		
A2022	2.2	15		3G3RV-PFI3018-SE
A2037	3.7	25		3G3RV-PFI2035-SE
A2055	5.5	35		
A2075	7.5	45		3G3RV-PFI2060-SE
A2110	11	60		
A2150	15	85		3G3RV-PFI2100-SE
A2185	18.5	100		
A2200	22.0	100		3G3RV-PFI2130-SE
A2300	30.0	130		
A2370	37.0	160		3G3RV-PFI2160-SE
A2450	45.0	200		3G3RV-PFI2200-SE
A2550	55.0	240		
A2750	75.0	320		3G3RV-PFI3400-SE
A2900	90.0	390		

3G3RV-	Drivedata 3 x 380-480VAC (kW)		lin (A)	OMRON product code
A4004	0.40	3		
A4007	0.75	4		3G3RV-PFI3010-SE
A4015	1.5	5		
A4022	2.2	8		
A4037	3.7	12		
A4040	4.0	15		3G3RV-PFI3018-SE
A4055	5.5	18		
A4075	7.5	25		3G3RV-PFI3035-SE
A4110	11	35		
A4150	15.0	45		3G3RV-PFI3060-SE
A4185	18.5	60		
A4220	22.0	60		3G3RV-PFI3070-SE
A4300	30.0	70		
A4370	37.0	90		
A4450	45.0	110		3G3RV-PFI3130-SE
A4550	55.0	130		
A4750	75.0	170		3G3RV-PFI3170-SE
A4900	90.0	200		3G3RV-PFI3200-SE
A411K	110.0	250		
A413K	132.0	300		3G3RV-PFI3400-SE
A416K	160.0	350		

Technical specifications

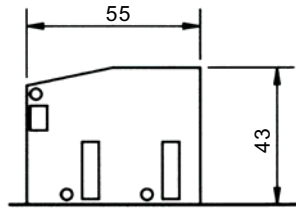
OMRON product code	Current rating at 45°C (A)	Rated voltage at 50/60 Hz	Leakage current <sup>1)</sup> (400V/50Hz) (mA)	Connections input / output	Weight kg	Mounting
3G3RV-PFI2035-SE	35	3 x 240V	29	47 / 07	1.4	foot / book
3G3RV-PFI2060-SE	60	3 x 240V	29	52 / 07	3.0	
3G3RV-PFI2100-SE	100	3 x 240V	42	34 / 07	4.9	
3G3RV-PFI2130-SE	130	3 x 240V	21	35 / 35	4.3	book
3G3RV-PFI2160-SE	160	3 x 240V	26	40 / 40	6.0	
3G3RV-PFI2200-SE	240	3 x 240V	15	37 / 37	11.0	
3G3RV-PFI3010-SE	10	3 x 240V/480V	11.3	45 / 07	1.1	foot / book
3G3RV-PFI3018-SE	18	3 x 240V/480V	11.3	45 / 07	1.3	
3G3RV-PFI3035-SE	35	3 x 480V	41	47 / 07	2.1	
3G3RV-PFI3060-SE	60	3 x 480V	42	52 / 07	4.0	book
3G3RV-PFI3070-SE	70	3 x 480V	42	52 / 52	3.4	
3G3RV-PFI3130-SE	130	3 x 480V	73	35 / 35	4.7	
3G3RV-PFI3170-SE	170	3 x 480V	66	40 / 40	6.0	book
3G3RV-PFI3200-SE	250	3 x 480V	41	37 / 37	11.7	
3G3RV-PFI3400-SE	400	3 x 480V	39	99 / 99	18.5	

Filter input / output connections



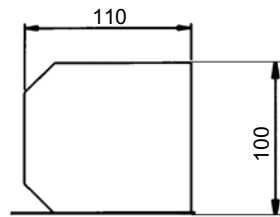
Type /34

Safety terminal block for solid wire 35mm<sup>2</sup>, flex wire 25mm<sup>2</sup> or AWG 2. Max. Torque: 4.5Nm



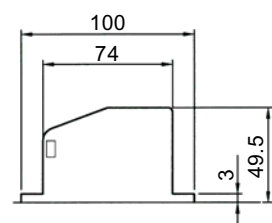
Type /35

Safety terminal block for solid and flex wire 50mm<sup>2</sup> or AWG 1/0. Max. Torque: 8Nm



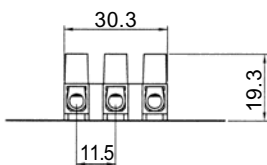
Type /37

Safety terminal block for 150mm<sup>2</sup> or AWG 6/0 cables. Max. Torque: 30Nm



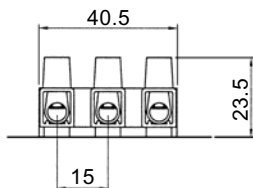
Type /40

Safety terminal block for solid and flex wire 95mm<sup>2</sup> or AWG 4/0. Max. Torque: 20Nm



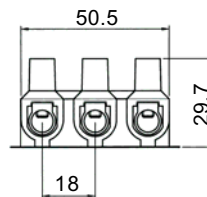
Type /45

Strip terminal block for solid wire 6mm<sup>2</sup>, flex wire 4mm<sup>2</sup>, AWG 12. Max. Torque: 0.8Nm



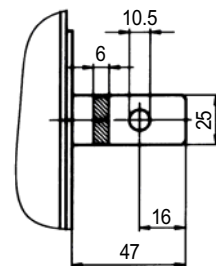
Type /47

Strip terminal block for solid wire 16mm<sup>2</sup>, flex wire 10mm<sup>2</sup> or AWG 8. Max. Torque: 2.2Nm



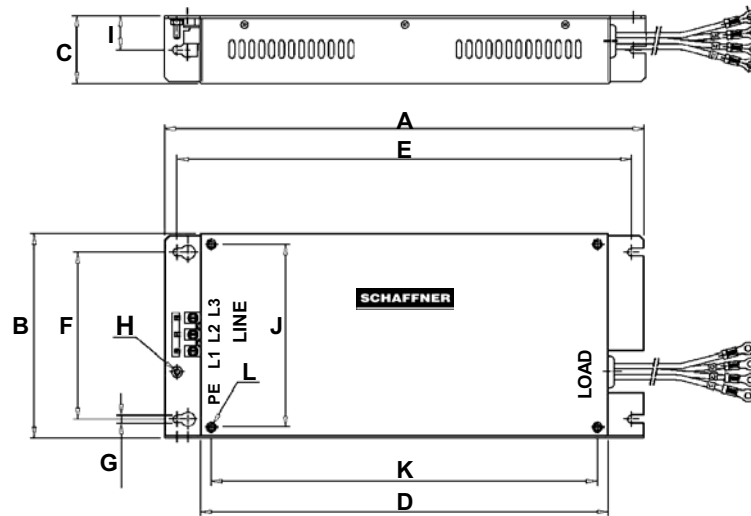
Type /52

Strip terminal block for solid wire 25mm<sup>2</sup>, flex wire 16mm<sup>2</sup> or AWG 4. Max. Torque: 2.2Nm

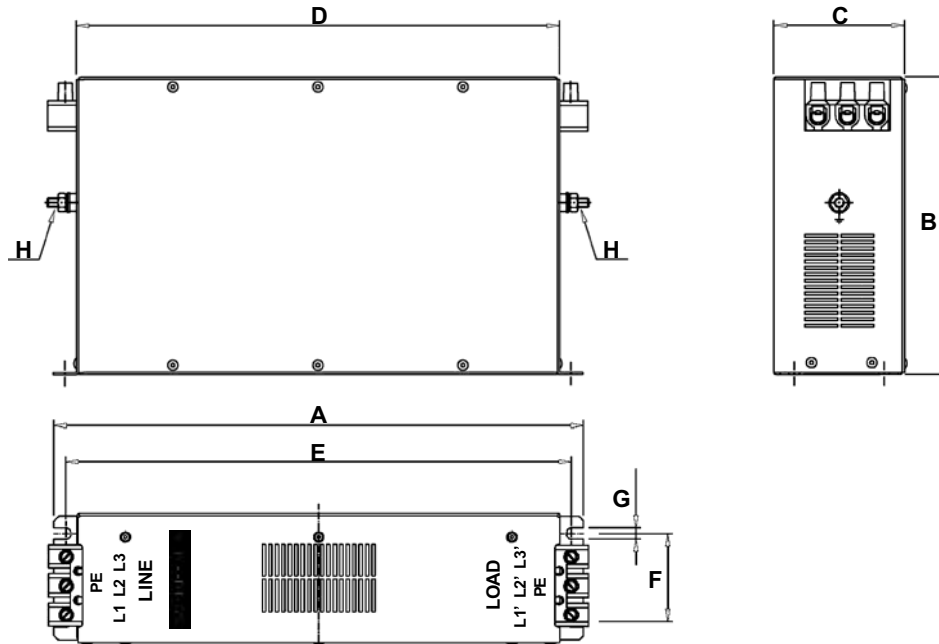


Type /99

Book style housing or foot mounting



Book style housing



Dimensions

OMRON ref.	A	B	C	D	E	F	G	H	I	J	K	L
3G3RV-PFI2035-SE	330	141	46	281	313	115	5.5	M5	23	126	266	M5
3G3RV-PFI2060-SE	355	206	60	302	336	175	6.5	M6	30	186	285	M6
3G3RV-PFI2100-SE	408	236	80	355	390	205	6.5	M6	40	216	335	M6
3G3RV-PFI2130-SE	310	180	90	280	295	65	6.5	M10	x	x	x	x
3G3RV-PFI2160-SE	380	170	120	350	365	102	6.5	M10	x	x	x	x
3G3RV-PFI2200-SE	518	240	130	480	498	90	8.2	M10	x	x	x	x
3G3RV-PFI3010-SE	330	141	46	281	313	115	5.5	M4	23	126	266	M5
3G3RV-PFI3018-SE	330	141	46	281	313	115	5.5	M4	23	126	266	M5
3G3RV-PFI3035-SE	355	206	50	302	336	175	6.5	M5	25	186	285	M6
3G3RV-PFI3060-SE	408	236	65	355	390	205	6.5	M6	32.5	216	335	M6
3G3RV-PFI3070-SE	329	185	80	300	314	55	6.5	M6	x	x	x	x
3G3RV-PFI3130-SE	310	180	90	280	295	65	6.5	M10	x	x	x	x
3G3RV-PFI3170-SE	380	170	120	350	365	102	6.5	M10	x	x	x	x
3G3RV-PFI3200-SE	518	240	130	480	498	90	8.3	M10	x	x	x	x
3G3RV-PFI3400-SE	564	160	300	516	420	275	9.0	M12	x	x	x	x

All dimensions in mm; 1 inch = 25.4mm

Tolerances according: ISO2768-m / EN22768-m

# OMRON European Sales Offices

## Europe Headquarter

Omron Europe B.V.  
Wegalaan 67-69  
NL-2132 JD Hoofddorp  
The Netherlands  
Tel.: +31 23 568 1300  
Fax: +31 23 568 1388  
Local web site: <http://www.eu.omron.com>

## Austria

Omron Electronics Ges.m.b.H.  
Altmannsdorfer Strasse 142  
A-1231 Vienna  
Austria  
Tel.: +43 1 801 90 0  
Fax: +43 1 804 48 46  
Local web site: <http://www.omron.at>

## Belgium

Omron Electronics N.V./S.A.  
Stationsstraat 24  
B-1702 Groot-Bijgaarden  
Belgium  
Tel.: +32 2 466 24 80  
Fax: +32 2 466 06 87  
Local web site: <http://www.omron.be>

## Czech Republic

Omron Electronics spol.s.r.o.  
Srobarova 6  
CZ-101 00 Prague 10  
Czech Republic  
Tel.: +420 2 6731 1254  
Fax: +420 2 7173 5613

## Denmark

Omron Electronics A/S  
Odinsvej 15  
DK-2600 Glostrup  
Denmark  
Tel.: +45 43 44 00 11  
Fax: +45 43 44 02 11  
Local web site: <http://www.omron.dk>

## Finland

Omron Electronics Oy  
Metsänpojankuja 5  
SF-02130 Espoo  
Finland  
Tel.: +358 9 5495 800  
Fax: +358 9 5495 8150  
Local web site: <http://www.omron.fi>

## France

Omron Electronics S.a.r.l.  
19, rue du Bois-Galon  
F-94120 Fontenay-Sous-Bois  
France  
Tel.: +33 1 49 74 70 00  
Fax: +33 1 48 76 09 30  
Local web site: <http://www.omron.fr>

## Germany

Omron Electronics G.m.b.H.  
Elisabeth Selbert Strasse 17  
D-40764 Langenfeld  
Germany  
Tel.: +49 2173 - 6800 0  
Fax: +49 2173 - 6800 400  
Local web site: <http://www.omron.de>

## Hungary

Omron Electronics Kft.  
Kiss Erno utca 1-3  
H-1046 Budapest  
Hungary  
Tel.: +36 1 399 30 50  
Fax: +36 1 399 30 60

## Italy

Omron Electronics S.r.l.  
Viale Certosa 49  
I-20149 Milano  
Italy  
Tel.: +39 02 32 681  
Fax: +39 02 32 68282  
Local web site: <http://www.omron.it>

## The Netherlands

Omron Electronics B.V.  
Wegalaan 61  
NL-2132 JD Hoofddorp  
The Netherlands  
Tel.: +31 23 - 568 1100  
Fax: +31 23 - 568 1188  
Local web site: <http://www.omron.nl>

## Norway

Omron Electronics A/S  
Ole Deviks Vei 4  
N-0611 Oslo - Bryn  
Norway  
Tel.: +47 22 65 7500  
Fax: +47 22 65 8300  
Local web site: <http://www.omron.no>

## Poland

Omron Electronics Sp.z.o.o.  
Jana Sengara Cichego 1  
PL-02-790 Warszawa  
Poland  
Tel.: +48 22 645 78 60  
Fax: +48 22 645 78 63  
Local web site: <http://www.omron.com.pl>

## Portugal

Omron Electronics Lda.  
Rua de Sao Tomé, Lote 131  
P-2689-510 Prior Velho  
Portugal  
Tel.: +351 21 942 9400  
Fax: +351 21 941 7899  
Local web site: <http://www.omron.pt>

## Spain

Omron Electronics S.A.  
c/Arturo Soria 95  
E-28027 Madrid  
Spain  
Tel.: +34 91 377 7900  
Fax: +34 91 377 7956  
Local web site: <http://www.omron.es>

## Sweden

Omron Electronics AB  
(Norgegatan 1)  
P.O. Box 1275  
S-164 29 Kista  
Sweden  
Tel.: +46 8 632 35 00  
Fax: +46 8 632 35 10  
Local web site: <http://www.omron.se>

## Switzerland

Omron Electronics AG  
Sennweidstrasse 44  
CH-6312 Steinhausen  
Switzerland  
Tel.: +41 41 748 1313  
Fax: +41 41 748 1345  
Local web site: <http://www.omron.ch>

## Turkey

Omron Electronics Ltd.  
Acibadem Caddesi,  
Palmiye Sokak 12  
TR-81020 Kadikoy-Istanbul  
Turkey  
Tel.: +90 216 326 2980  
Fax: +90 216 326 2979

## United Kingdom

Omron Electronics Ltd.  
1 Apsley Way, Staples Corner  
London NW2 7HF / UK  
United Kingdom  
Tel.: +44 208 450 4646  
Fax: +44 208 450 8087  
Local web site: <http://www.omron.co.uk>

Schaffner Marketing / July 2001, Luterbach Switzerland

© 2001 Schaffner EMV. Specifications subject to change without notice. All trademarks recognised.



Schaffner is an ISO-registered company. Its products are designed and manufactured under the strict quality requirement of the ISO 9001 standard.

This document has been carefully checked. However, Schaffner does not assume any liability for errors or inaccuracies.