

# Switch connection

drawing number: 9460139543



alfa.luvegroup.com

### BOARD RATED VALUE

VOLTAGE DC	---
VOLTAGE AC	400 - 230 Vac $\pm$ 10%
FREQUENCY	50 - 60 Hz $\pm$ 2%
POWER MAX	7,5 KW
SHORT CIRCUIT CURRENT (Icc)	
IP DEGREE WITH CLOSED DOORS	IP66
IP DEGREE WITH OPENED DOORS	IP20

This document and its contents is owned by LU-VE Group or its affiliates and protected by laws governing intellectual property and thereto related rights. Without limiting any rights related to this document, no part of this document may be copied, reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the expressed permission of LU-VE Group. Nor may it be used in any other way or for any other purpose than expressly permitted by LU-VE Group. LU-VE Group will enforce its rights related to this document to the fullest extent of the law, including the seeking of criminal prosecution.

03	New brand	18/12/2019	DPAA	date	18/12/2019
02	Changed wire color in EC motor	15/03/2018	PCIA	User	ITALDPAA
01	Added layout unit	27/10/2017	PCIA	Proved	PCIA
Status	change	date	name		



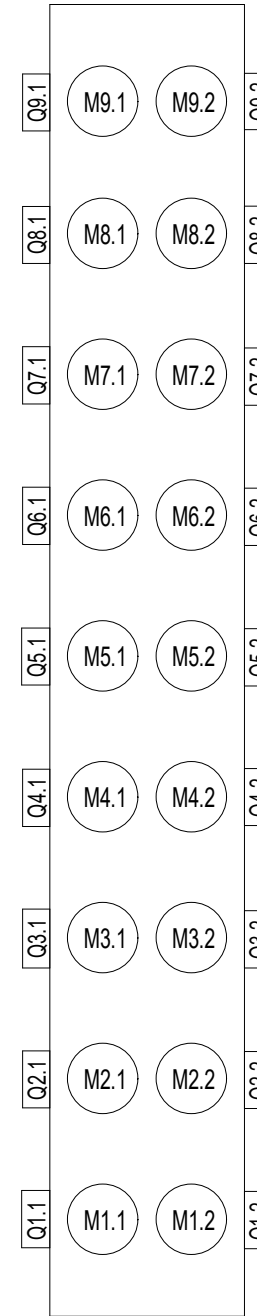
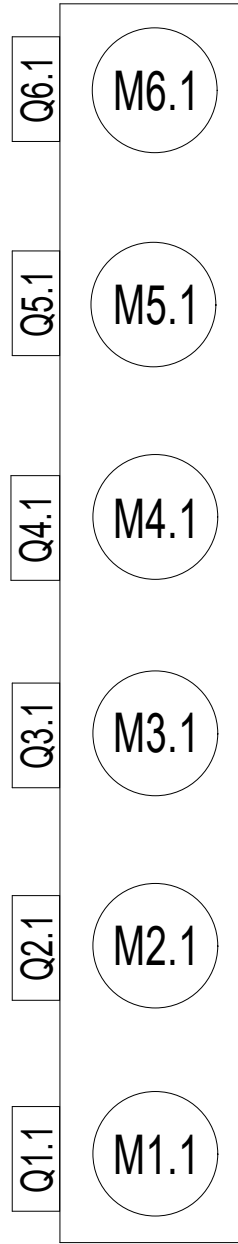
HEADING PAGE

Document number: 9460139543-03

Sheet	1
Sh.	5



# UNIT LAYOUT



**NOTE: The drawing does not indicate the correct position of components**

This document and its contents is owned by Alfa L.U.V.E. Group or its affiliates and protected by laws governing intellectual property and thereto. It may not be reproduced, stored in a retrieval system, transmitted, in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the expressed permission of Alfa L.U.V.E. Group. Nor may it be used in any other way or for any other purpose than expressly permitted by Alfa L.U.V.E. Group. Alfa L.U.V.E. Group will enforce its rights related to this document to the fullest extent of the law, including the seeking of criminal prosecution.

03	New brand	18/12/2019	DPAA	date	18/12/2019
02	Changed wire color in EC motor	15/03/2018	PCIA	User	ITALDPAA
01	Added layout unit	27/10/2017	PCIA	Proved	PCIA
Status	change	date	name		

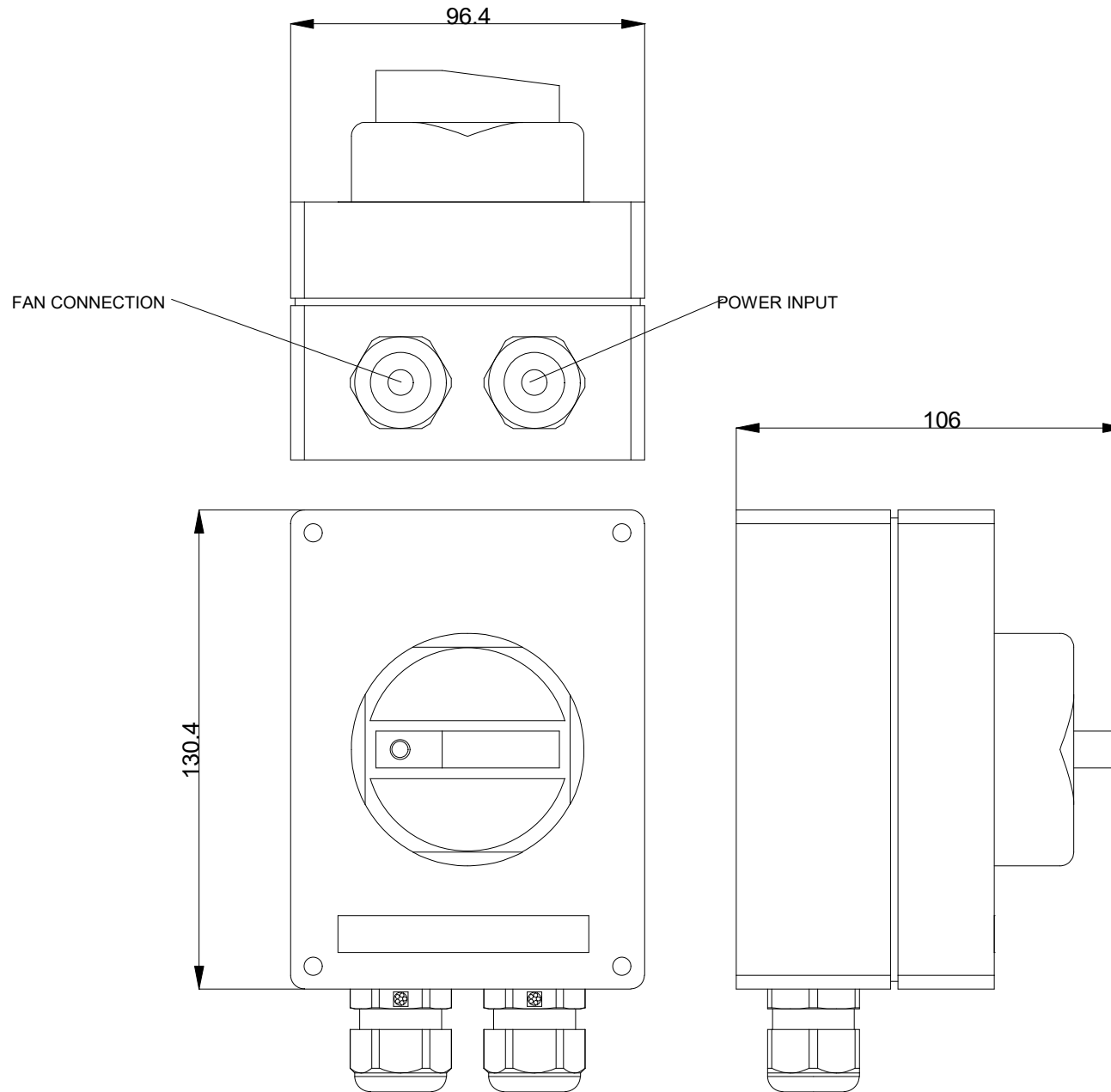


UNIT LAYOUT

Document number: 9460139543-03

Sheet 3  
Sh. 5

Q1.1 - Q9.1  
Q1.2 - Q9.2



**Technical data**

Material: Polycarbonate  
 IP protection class: IP66  
 Color: Grey/black  
 Rated insulation voltage: 690V  
 Rated operational current: 16A  
 Ambient temperature: -40/+80°C

This document and its contents is owned by LU-VE Group or its affiliates and protected by laws governing intellectual property and thereto related rights. Without limiting any rights related to this document, no part of this document may be copied, reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the expressed permission of LU-VE Group. Nor may it be used in any other way or for any other purpose than expressly permitted by LU-VE Group. LU-VE Group will enforce its rights related to this document to the fullest extent of the law, including the seeking of criminal prosecution.

03	New brand	18/12/2019	DPAA	date	18/12/2019
02	Changed wire color in EC motor	15/03/2018	PCIA	User	ITALDPAA
01	Added layout unit	27/10/2017	PCIA	Proved	PCIA
Status	change	date	name		



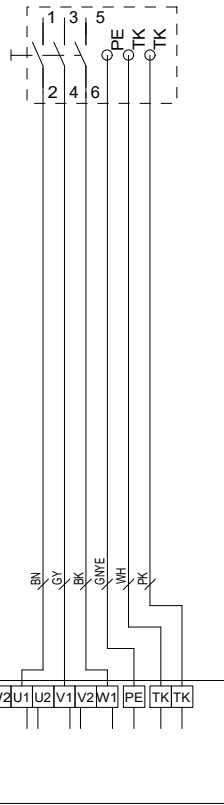
**SWITCH TECHNICAL DATA**

Document number: 9460139543-03

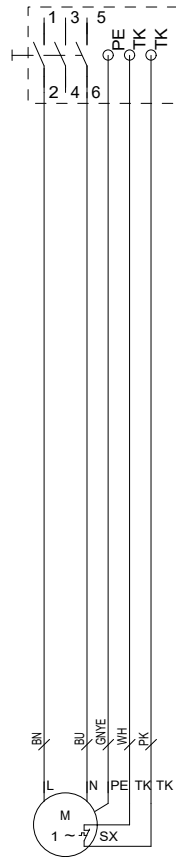
Sheet 4  
Sh. 5

# AC MOTOR POWER SWITCH CONNECTION

3-phase

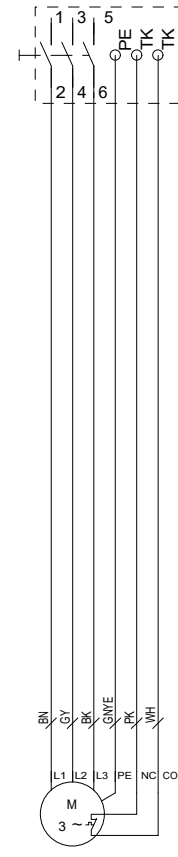


1-phase

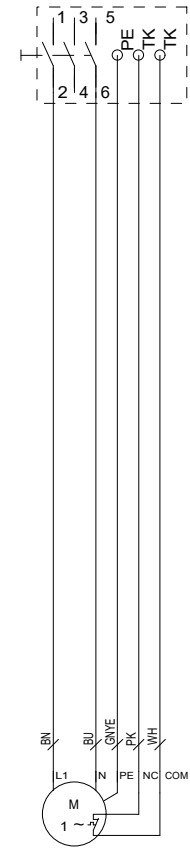


# EC MOTOR POWER SWITCH CONNECTION

3-phase



1-phase



This document and its contents is owned by LU-VE Group or its affiliates and protected by laws governing intellectual property and thereto related rights. Without limiting any rights related to this document, no part of this document may be copied, reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the expressed permission of LU-VE Group. Nor may it be used in any other way or for any other purpose than expressly permitted by LU-VE Group. LU-VE Group will enforce its rights related to this document to the fullest extent of the law, including the seeking of criminal prosecution.

NOTE: same connection for each motor

NOTE: TK equivalence for EC motors: - 11-14 for Ziehl-Abegg  
- COM-NC for EBM-Papst

03	New brand	18/12/2019	DPAA	date	18/12/2019
02	Changed wire color in EC motor	15/03/2018	PCIA	User	ITALDPAA
01	Added layout unit	27/10/2017	PCIA	Provided	PCIA
Status	change	date	name		



MOTOR - SWITCH CONNECTION

Document number: 9460139543-03

Sheet 5  
Sh. 5