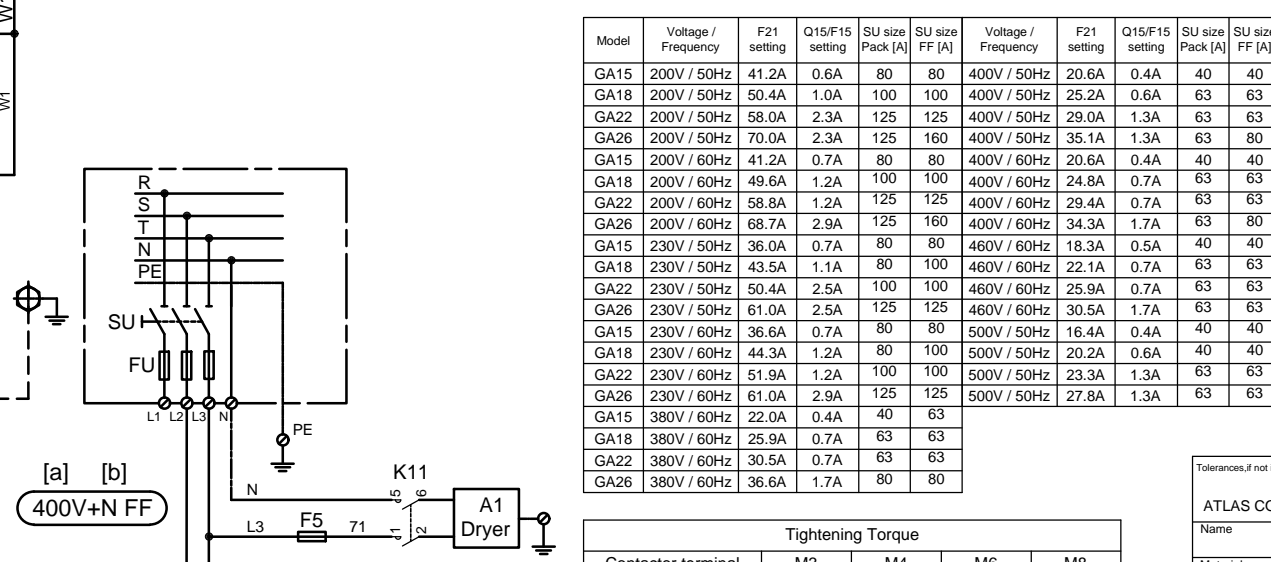
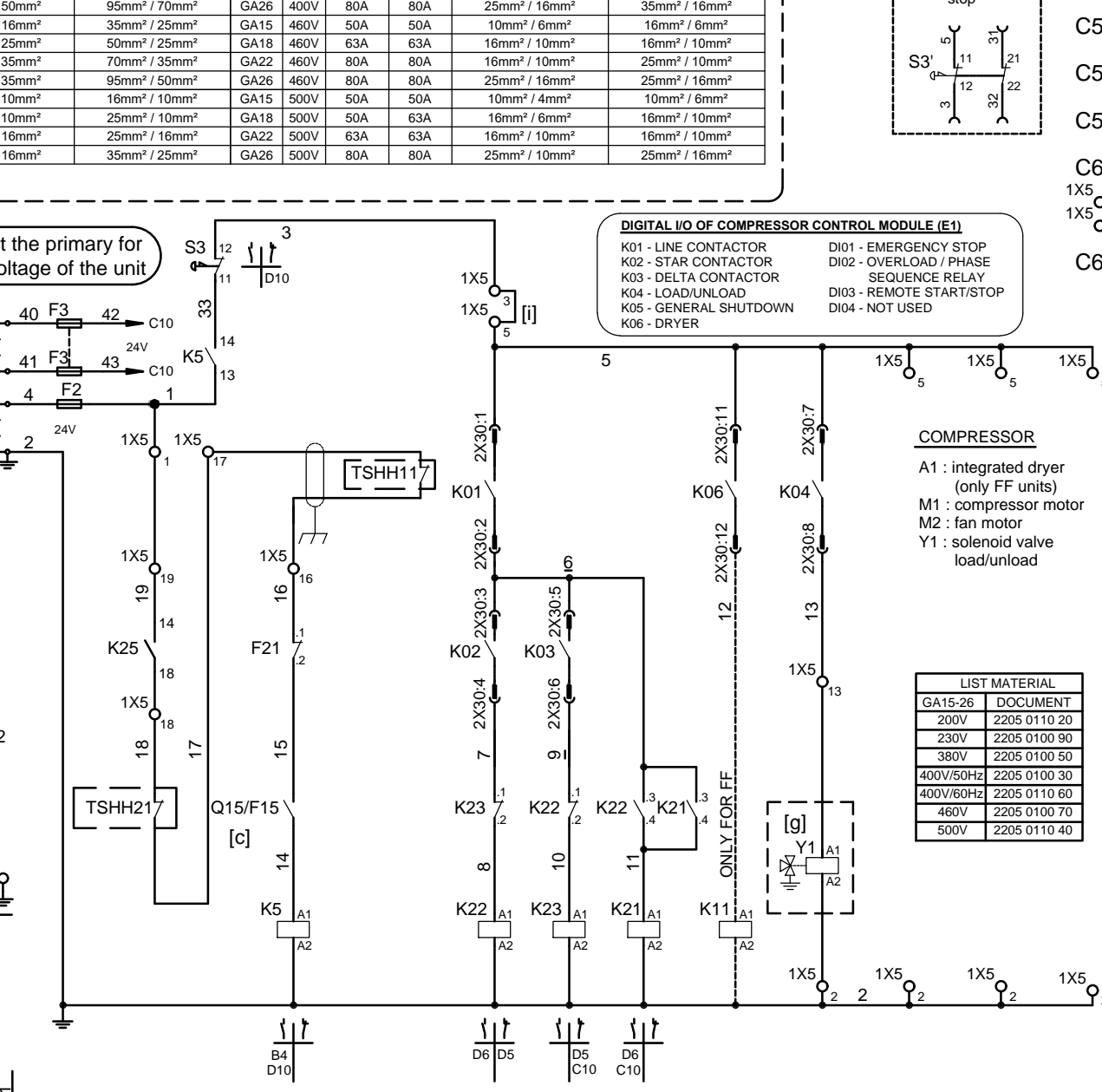
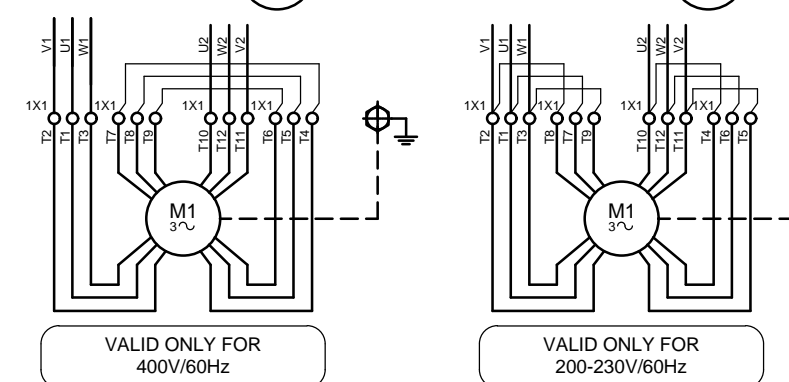
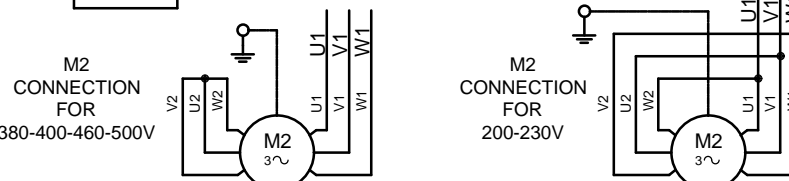
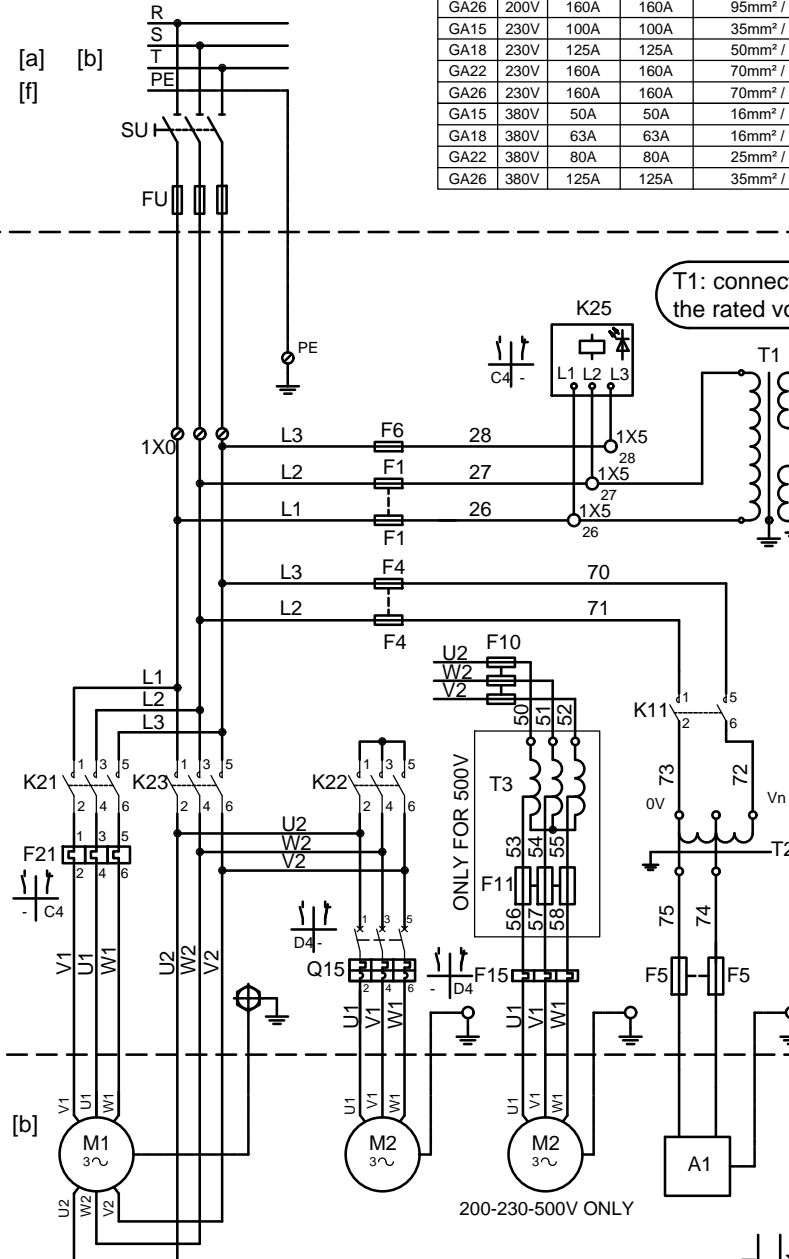


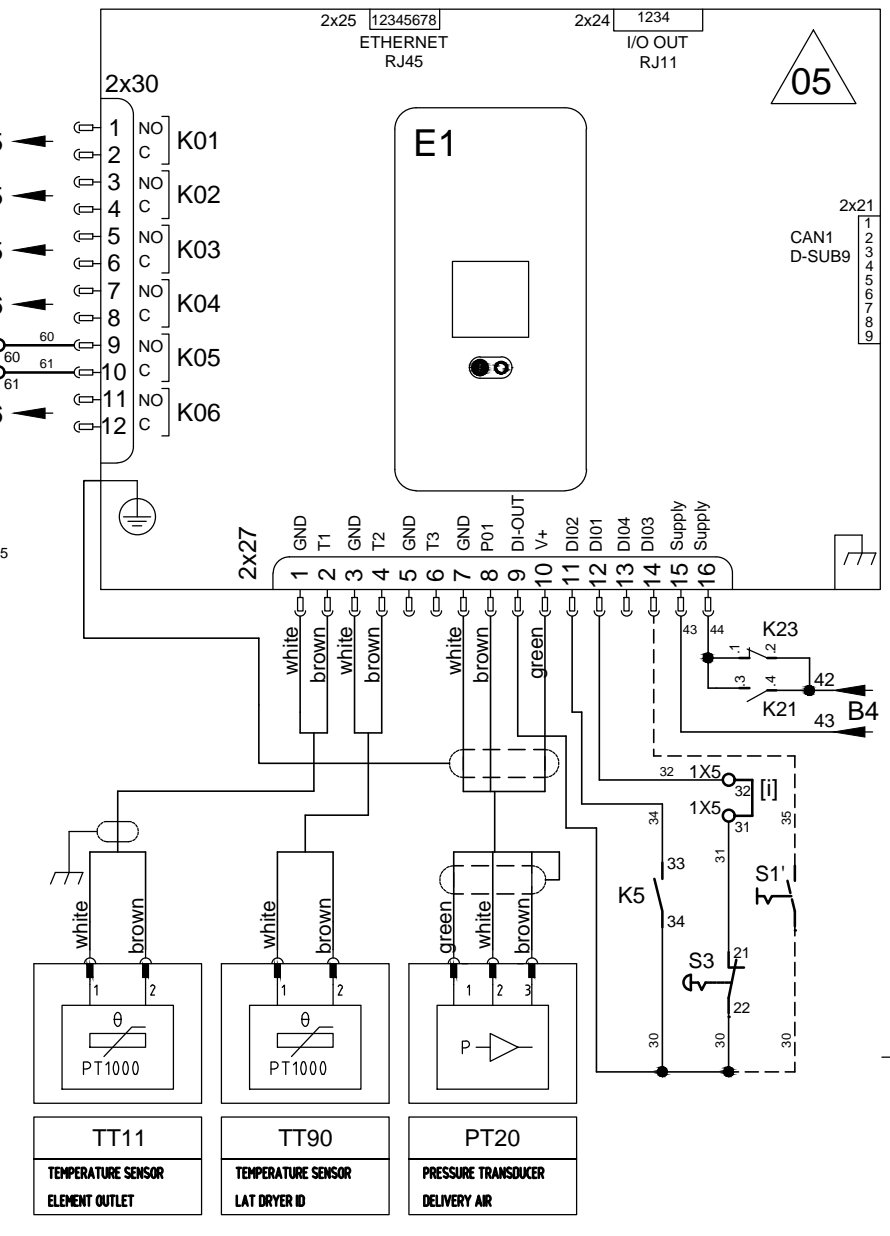
**Compulsory Customer Care Installation**

Suitable for TT, TN and IT distribution system.  
Be aware that national standards can consider additional protection.

Model	Voltage	Fuses FU aM Pack	Fuses FU aM FF	Power supply line cable pack PVC 70°C / XLPE-EPR 90°C	Power supply line cable FF PVC 70°C / XLPE-EPR 90°C	Model	Voltage	Fuses FU aM Pack	Fuses FU aM FF	Power supply line cable pack PVC 70°C / XLPE-EPR 90°C	Power supply line cable FF PVC 70°C / XLPE-EPR 90°C
GA15	200V	100A	100A	35mm <sup>2</sup> / 25mm <sup>2</sup>	50mm <sup>2</sup> / 25mm <sup>2</sup>	GA15	400V	50A	50A	16mm <sup>2</sup> / 6mm <sup>2</sup>	16mm <sup>2</sup> / 10mm <sup>2</sup>
GA18	200V	125A	125A	50mm <sup>2</sup> / 25mm <sup>2</sup>	70mm <sup>2</sup> / 35mm <sup>2</sup>	GA18	400V	63A	63A	16mm <sup>2</sup> / 10mm <sup>2</sup>	25mm <sup>2</sup> / 10mm <sup>2</sup>
GA22	200V	160A	160A	70mm <sup>2</sup> / 35mm <sup>2</sup>	70mm <sup>2</sup> / 50mm <sup>2</sup>	GA22	400V	80A	80A	25mm <sup>2</sup> / 10mm <sup>2</sup>	25mm <sup>2</sup> / 16mm <sup>2</sup>
GA26	200V	160A	160A	95mm <sup>2</sup> / 50mm <sup>2</sup>	95mm <sup>2</sup> / 70mm <sup>2</sup>	GA26	400V	80A	80A	25mm <sup>2</sup> / 16mm <sup>2</sup>	35mm <sup>2</sup> / 16mm <sup>2</sup>
GA15	230V	100A	100A	35mm <sup>2</sup> / 16mm <sup>2</sup>	35mm <sup>2</sup> / 25mm <sup>2</sup>	GA15	460V	50A	50A	10mm <sup>2</sup> / 6mm <sup>2</sup>	16mm <sup>2</sup> / 6mm <sup>2</sup>
GA18	230V	125A	125A	50mm <sup>2</sup> / 25mm <sup>2</sup>	50mm <sup>2</sup> / 25mm <sup>2</sup>	GA18	460V	63A	63A	16mm <sup>2</sup> / 10mm <sup>2</sup>	16mm <sup>2</sup> / 10mm <sup>2</sup>
GA22	230V	160A	160A	70mm <sup>2</sup> / 35mm <sup>2</sup>	70mm <sup>2</sup> / 35mm <sup>2</sup>	GA22	460V	80A	80A	16mm <sup>2</sup> / 10mm <sup>2</sup>	25mm <sup>2</sup> / 10mm <sup>2</sup>
GA26	230V	160A	160A	70mm <sup>2</sup> / 35mm <sup>2</sup>	95mm <sup>2</sup> / 50mm <sup>2</sup>	GA26	460V	80A	80A	25mm <sup>2</sup> / 16mm <sup>2</sup>	25mm <sup>2</sup> / 16mm <sup>2</sup>
GA15	380V	50A	50A	16mm <sup>2</sup> / 10mm <sup>2</sup>	16mm <sup>2</sup> / 10mm <sup>2</sup>	GA15	500V	50A	50A	10mm <sup>2</sup> / 4mm <sup>2</sup>	10mm <sup>2</sup> / 6mm <sup>2</sup>
GA18	380V	63A	63A	16mm <sup>2</sup> / 10mm <sup>2</sup>	25mm <sup>2</sup> / 10mm <sup>2</sup>	GA18	500V	50A	63A	16mm <sup>2</sup> / 6mm <sup>2</sup>	16mm <sup>2</sup> / 10mm <sup>2</sup>
GA22	380V	80A	80A	25mm <sup>2</sup> / 16mm <sup>2</sup>	25mm <sup>2</sup> / 16mm <sup>2</sup>	GA22	500V	63A	63A	16mm <sup>2</sup> / 10mm <sup>2</sup>	16mm <sup>2</sup> / 10mm <sup>2</sup>
GA26	380V	125A	125A	35mm <sup>2</sup> / 16mm <sup>2</sup>	35mm <sup>2</sup> / 25mm <sup>2</sup>	GA26	500V	80A	80A	25mm <sup>2</sup> / 10mm <sup>2</sup>	25mm <sup>2</sup> / 16mm <sup>2</sup>



Model	Voltage / Frequency	F21 setting	Q15/F15 setting	SU size Pack [A]	SU size FF [A]	Voltage / Frequency	F21 setting	Q15/F15 setting	SU size Pack [A]	SU size FF [A]
GA15	200V / 50Hz	41.2A	0.6A	80	80	400V / 50Hz	20.6A	0.4A	40	40
GA18	200V / 50Hz	50.4A	1.0A	100	100	400V / 50Hz	25.2A	0.6A	63	63
GA22	200V / 50Hz	58.0A	2.3A	125	125	400V / 50Hz	29.0A	1.3A	63	63
GA26	200V / 50Hz	70.0A	2.3A	125	160	400V / 50Hz	35.1A	1.3A	63	80
GA15	200V / 60Hz	41.2A	0.7A	80	80	400V / 60Hz	20.6A	0.4A	40	40
GA18	200V / 60Hz	49.6A	1.2A	100	100	400V / 60Hz	24.8A	0.7A	63	63
GA22	200V / 60Hz	58.8A	1.2A	125	125	400V / 60Hz	29.4A	0.7A	63	63
GA26	200V / 60Hz	68.7A	2.9A	125	160	400V / 60Hz	34.3A	1.7A	63	80
GA15	230V / 50Hz	36.0A	0.7A	80	80	460V / 60Hz	18.3A	0.5A	40	40
GA18	230V / 50Hz	43.5A	1.1A	80	100	460V / 60Hz	22.1A	0.7A	63	63
GA22	230V / 50Hz	50.4A	2.5A	100	100	460V / 60Hz	25.9A	0.7A	63	63
GA26	230V / 50Hz	61.0A	2.5A	125	125	460V / 60Hz	30.5A	1.7A	63	63
GA15	230V / 60Hz	36.6A	0.7A	80	80	500V / 50Hz	16.4A	0.4A	40	40
GA18	230V / 60Hz	44.3A	1.2A	80	100	500V / 50Hz	20.2A	0.6A	40	40
GA22	230V / 60Hz	51.9A	1.2A	100	100	500V / 50Hz	23.3A	1.3A	63	63
GA26	230V / 60Hz	61.0A	2.9A	125	125	500V / 50Hz	27.8A	1.3A	63	63
GA15	380V / 60Hz	22.0A	0.4A	40	63					
GA18	380V / 60Hz	25.9A	0.7A	63	63					
GA22	380V / 60Hz	30.5A	0.7A	63	63					
GA26	380V / 60Hz	36.6A	1.7A	80	80					



- STARTER CUBICLE**
- E1 : Elektronikon Mk5S Swipe
  - F1-F6: fuses
  - F10-F11: fuses
  - F15 : overload fan motor
  - F21 : overload main motor
  - FU : fuses customer care install.
  - K5 : aux relay
  - K11 : contactor dryer
  - K21 : line contactor
  - K22 : star contactor
  - K23 : delta contactor
  - K25 : phase sequence relay
  - Q15 : fan circuit breaker
  - S1' : remote START/Pr.STOP
  - S3 : emergency stop
  - S3' : emergency stop remote
  - SU : main switch customer care installation
  - T1 : transformer
  - T2 : dryer transformer
  - T3 : fan autotransformer
  - TSHH11: temp. switch element outlet
  - TSHH21: additional temp. switch
- NOTES**
- [a] Maximum fuses with regard to short circuit protection of starter. Cable section might impose fuses of smaller value. For indirect contact protection, the safety condition must be verified at the installaton place.
  - [b] Power supply to be connected for: COUNTER CLOCKwise rotation of compr. motor. Rotation to be observed while facing the drive end shaft of the motors.
  - [c] Contact NO in case of circuit breaker (Q15). Contact NC in case of overload relay (F15)
  - [f] For field wiring: use copper wire only
  - [g] FPC: field provided components
  - [i] Optional remote emergency stop: replace bridge by NC contacts of remote emergency stop.

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Note	Position	Modified from	Date	Intr./Appd.
05		Changed controller, DN19061021, CID27287.	2019/06/14	A-Frezza

All materials supplied are in compliance with the requirements of the List of Prohibited Substances

Tolerances, if not indicated, according to:		General tolerances	
ATLAS COPCO STANDARD CLASS		1350K - V	
Name	SERVICE DIAGRAM	GA15-26 IEC Mk5S	Confidentiality class acc. to 1102 K
Material	Not Applicable		Confidential
Treatment	Not Applicable		ACDE
Scale	-/-	Family	Compare
Drawn by	ATLAS COPCO/CAInfanton	Blank nr.	Replaces
Drawing format	AZ	Kg	Kg
STATUS	Approved	Des. checked.	Prod. checked.
		Approved.	Date 18/07/2014
Parent 3D Model	Ed. Version 3D	2205010000	