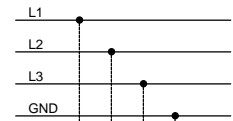


Service Diagram GX7-11 UL

Model		Voltage	Total FLA [A]	Fuses size J or RK type	Cross section area cCSAus
10HP	Pack	208V	34	50	4XAWG6 90°C 600V
10HP	Pack	230V	32	45	4XAWG6 90°C 600V
10HP	Pack	460V	16	25	4XAWG6 90°C 600V
10HP	Pack	575V	13	20	4XAWG12 90°C 600V
15HP	Pack	208V	45	60	4XAWG4 90°C 600V
15HP	Pack	230V	40	60	4XAWG4 90°C 600V
15HP	Pack	460V	20	35	4XAWG4 90°C 600V
15HP	Pack	575V	17	25	4XAWG10 90°C 600V
10HP	FF	208V	37	50	4XAWG6 90°C 600V
10HP	FF	230V	35	45	4XAWG6 90°C 600V
10HP	FF	460V	18	25	4XAWG6 90°C 600V
10HP	FF	575V	14.5	20	4XAWG12 90°C 600V
15HP	FF	208V	48	60	4XAWG4 90°C 600V
15HP	FF	230V	43	60	4XAWG4 90°C 600V
15HP	FF	460V	22	35	4XAWG4 90°C 600V
15HP	FF	575V	18.5	25	4XAWG10 90°C 600V

Customer's Installation

COMPULSORY INSTALLATION AT CUSTOMER CARE DISCONNECTOR SWITCH (IG) + PROTECTION FUSES (FU)



NOTE VALID ONLY FOR UL VERSION:
POWER SUPPLY LINE CABLE MUST BE PROTECTED BY A RACEWAY (DUCT) OR AN APPROVED CONDUIT SYSTEM.
PROTÉGER LA LIGNE D'ALIMENTATION OU AVEC UN CONDUIT APPROUVÉ.

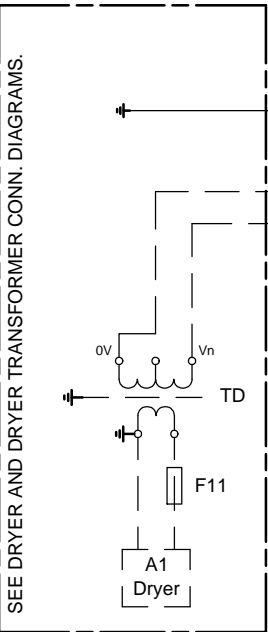
DISCONNECT SWITCH SIZE \geq FLA x 1,25

MAX CABLE LENGTH FROM THE PROTECTION TO THE UNIT : 7m (23ft)

MAIN SUPPLY
See Terminal Box only for cCSAus version

Only FF version.

SEE DRYER AND DRYER TRANSFORMER CONN. DIAGRAMS.



ATTENTION: THE ROTATION DIRECTION OF THE MOTOR MUST BE COUNTER-CLOCKWISE, SEEN FROM THE COUPLING SIDE.
ATTENZIONE: IL SENSO DI ROTAZIONE DEL MOTORE DEVE ESSERE ANTIORARIO, VISTO DAL LATO ACCOPIAMENTO.
ATTENTION: LE SENSE DE ROTATION DU MOTEUR DOIT ETRE ANTIHORAIRE VU DU COTE D'ACCOUPEMENT.
ACHTUNG: DIE UMDREHUNG RICHTUNG DES MOTORS MUSS GEGENUHRZEIGERSINN SEIN, GESEHEN VON DER KUPPLUNG SEITE.
ATENCIÓN: LA DIRECCIÓN DE LA ROTACIÓN DEL MOTOR DEBE SER A LA IZQUIERDA, CONSIDERADO DEL LADO DE ACOPLAMIENTO.
ATENÇÃO: O SENTIDO DA ROTAÇÃO DO MOTOR DEVE SER ANTI-HORÁRIO, VISTO DO LADO DO ACOPLAMENTO.
AANDACHT: DE RICHTING VAN DE OMWENTELING VAN DE MOTOR MOET LINKSDRAAIEND ZIJN, GEZEHEN VAN DE KANT VAN DE KOPPELING.
ВНИМАНИЕ: НАПРАВЛЕНИЕ ВРАЩЕНИЯ МОТОРА ДОЛЖНО БЫТЬ ПРОТИВ ЧАСОВОЙ СРЕЛКИ, СО СТОРОНЫ СОЕДИНЕНИЯ.

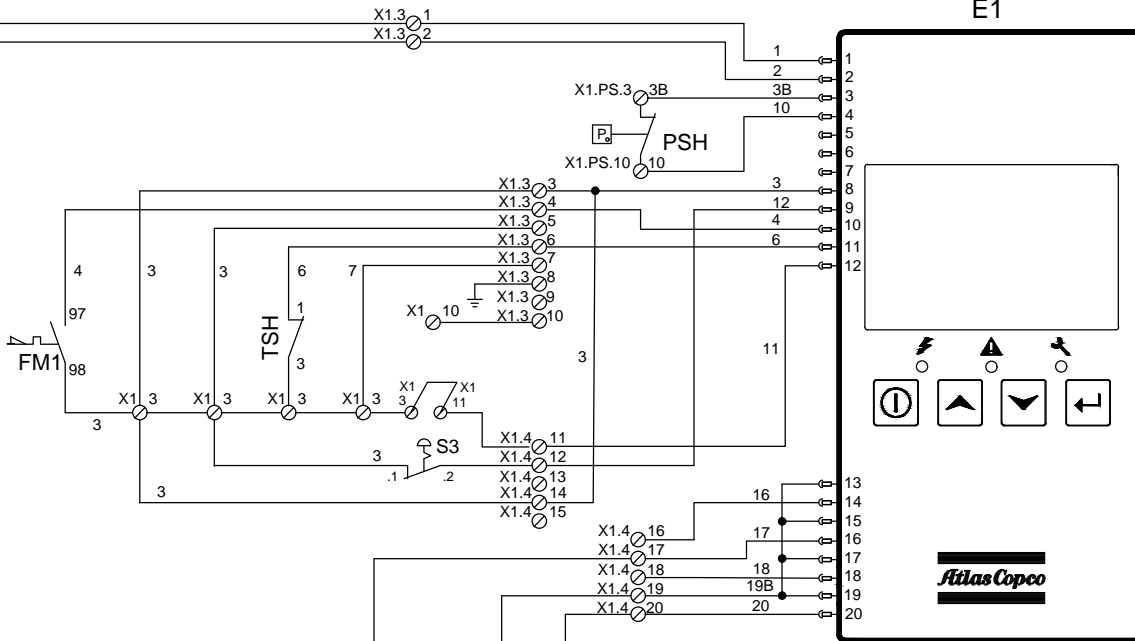
List Material	
GX7 - 11	DOCUMENT
TRI-VOLT 10HP PACK	9828430530
TRI-VOLT 10HP FF	9828430520
TRI-VOLT 15HP PACK	9828430510
TRI-VOLT 15HP FF	9828430500
575V 10HP PACK	9828430570
575V 10HP FF	9828430560
575V 15HP PACK	9828430550
575V 15HP FF	9828430540

Tightening Torque				
Contactor terminal	M3.5	M4	M6	M8
Main Recomm. Torque [Nm]	1.5	2.5	4.0	6.0
Aux Recomm. Torque [Nm]	1.2	1.2	1.2	1.2
Transformer terminal	T1	T2	T3	
Recomm. Torque [Nm]	0.5-1.0	0.5-1.0	0.5-1.0	

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

Parent 3D Model

Ed.Version 3D



DIGITAL I/O CONTROL MODULE (E1)

- 8 Common DI
- 9 Emergency stop Input
- 10 Overload motor Input
- 11 High temperature air/oil Input
- 12 Remote start/stop
- 2 - 3 DI input PSH
- 13 - 14 Star relay Output
- 15 - 16 Line relay Output
- 17 - 18 Delta relay Output
- 19 - 20 Solenoid valve Output

COMPRESSOR

- M1 Compressor motor
- TD Dryer transformer (only FF)
- A1 Integrated dryers (only FF)

STARTER CUBICLE

- KL Line contactor
- KMD Dryer contactor (Only for FF version)
- FM1 Overload motor protection
- Y1 Unload valve
- TSH Temperature switch element outlet
- T1 Control transformer
- F1 Primary control transf. fuses
- F2-3 Secondary control transf. fuses
- F10-11 Dryers fuses (Only FF version)
- E1 Controller
- H Hour Meter
- S3 Emergency stop
- PSH Pressure switch

Current service diagram replaces 9828430500 - 9828430510 - 9828430520 - 9828430530 - 9828430540 - 9828430550 - 9828430560 - 9828430570 in case of ES99 replacement with retrofit kit PN 2205032901.

Note	Position	Modified from	Date	Intr./Appd.
00		1st Issue. DN18054400 CID26771	06/02/2018	ElMexic

Tolerances, if not indicated, according to:		General tolerances			
		1350K - v			
Name		SERVICE DIAGRAM		GX7-11 10-15HP EMULATION ES99 UL	
Material		Not Applicable		Confidentiality class acc. to 1102 K	
Treatment		Not Applicable		Confidential	
				ACD	
		Scale - : -		Family	
		Atlas Copco		Compare	
		Drawn by EMEA/caibmaric		Blank nr.	
		Drawing format A2		Replaces	
		Des checked.		Prod checked.	
		Approved.		Date 06/02/2018	
		STATUS		Designation Sheet () 01 01	
		Approved		2205032910	
				Drawing owner Transferred from	
				CAI	