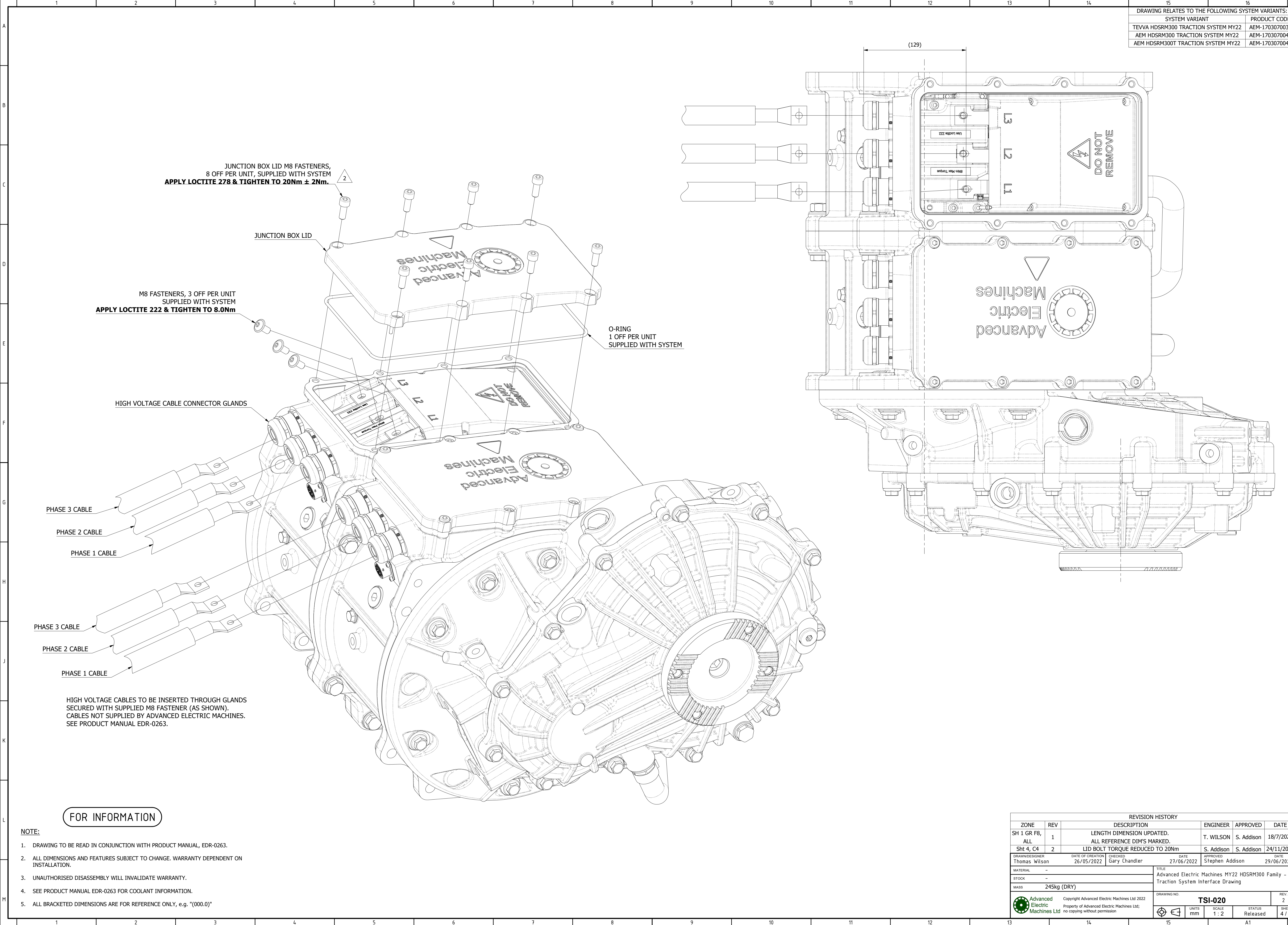




DRAWING RELATES TO THE FOLLOWING SYSTEM VARIANTS:	
SYSTEM VARIANT	PRODUCT CODE
TEVVA HDSRM300 TRACTION SYSTEM MY22	AEM-1703070038
AEM HDSRM300 TRACTION SYSTEM MY22	AEM-1703070041
AEM HDSRM300T TRACTION SYSTEM MY22	AEM-1703070042

JUNCTION BOX LID M8 FASTENERS,
8 OFF PER UNIT, SUPPLIED WITH SYSTEM
APPLY LOCTITE 278 & TIGHTEN TO 20Nm ± 2Nm.

JUNCTION BOX LID

M8 FASTENERS, 3 OFF PER UNIT
SUPPLIED WITH SYSTEM
APPLY LOCTITE 222 & TIGHTEN TO 8.0Nm

O-RING
1 OFF PER UNIT
SUPPLIED WITH SYSTEM

HIGH VOLTAGE CABLE CONNECTOR GLANDS

PHASE 3 CABLE

PHASE 2 CABLE

PHASE 1 CABLE

PHASE 3 CABLE

PHASE 2 CABLE

PHASE 1 CABLE

HIGH VOLTAGE CABLES TO BE INSERTED THROUGH GLANDS
SECURED WITH SUPPLIED M8 FASTENER (AS SHOWN).
CABLES NOT SUPPLIED BY ADVANCED ELECTRIC MACHINES.
SEE PRODUCT MANUAL EDR-0263.

FOR INFORMATION

NOTE:

- DRAWING TO BE READ IN CONJUNCTION WITH PRODUCT MANUAL, EDR-0263.
- ALL DIMENSIONS AND FEATURES SUBJECT TO CHANGE. WARRANTY DEPENDENT ON INSTALLATION.
- UNAUTHORISED DISASSEMBLY WILL INVALIDATE WARRANTY.
- SEE PRODUCT MANUAL EDR-0263 FOR COOLANT INFORMATION.
- ALL BRACKETED DIMENSIONS ARE FOR REFERENCE ONLY, e.g. "(000.0)"

REVISION HISTORY					
ZONE	REV	DESCRIPTION	ENGINEER	APPROVED	DATE
SH 1 GR F8, ALL	1	LENGTH DIMENSION UPDATED. ALL REFERENCE DIM'S MARKED.	T. WILSON	S. Addison	18/7/2022
SHt 4, C4	2	LID BOLT TORQUE REDUCED TO 20Nm	S. Addison	S. Addison	24/11/2022
DRAWN/DRAWN BY	DATE OF ORIGIN	CHECKED	DATE	APPROVED	DATE
Thomas Wilson	26/05/2022	Gary Chandler	27/06/2022	Stephen Addison	29/06/2022
MATERIAL	-	TITLE			
STOCK	-	Advanced Electric Machines MY22 HDSRM300 Family - Traction System Interface Drawing			
MASS	245kg (DRY)	DRAWING NO.			
Copyright Advanced Electric Machines Ltd 2022 Property of Advanced Electric Machines Ltd; no copying without permission		TSl-020		REV.	2
Advanced Electric Machines Ltd		UNITS	SCALE	STATUS	SHEET
		mm	1 : 2	Released	4 / 4