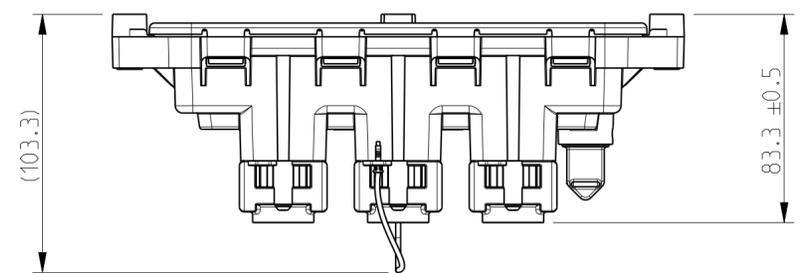
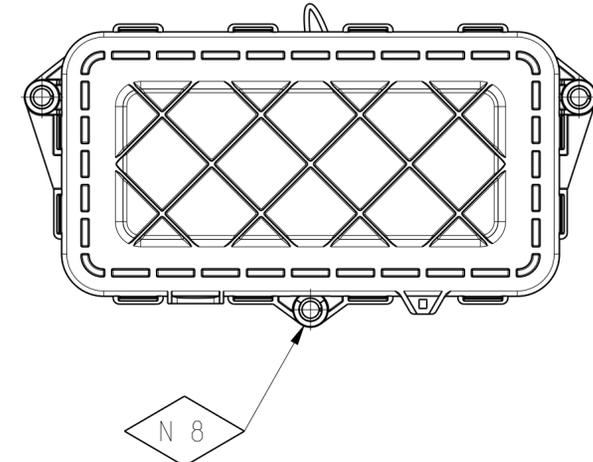
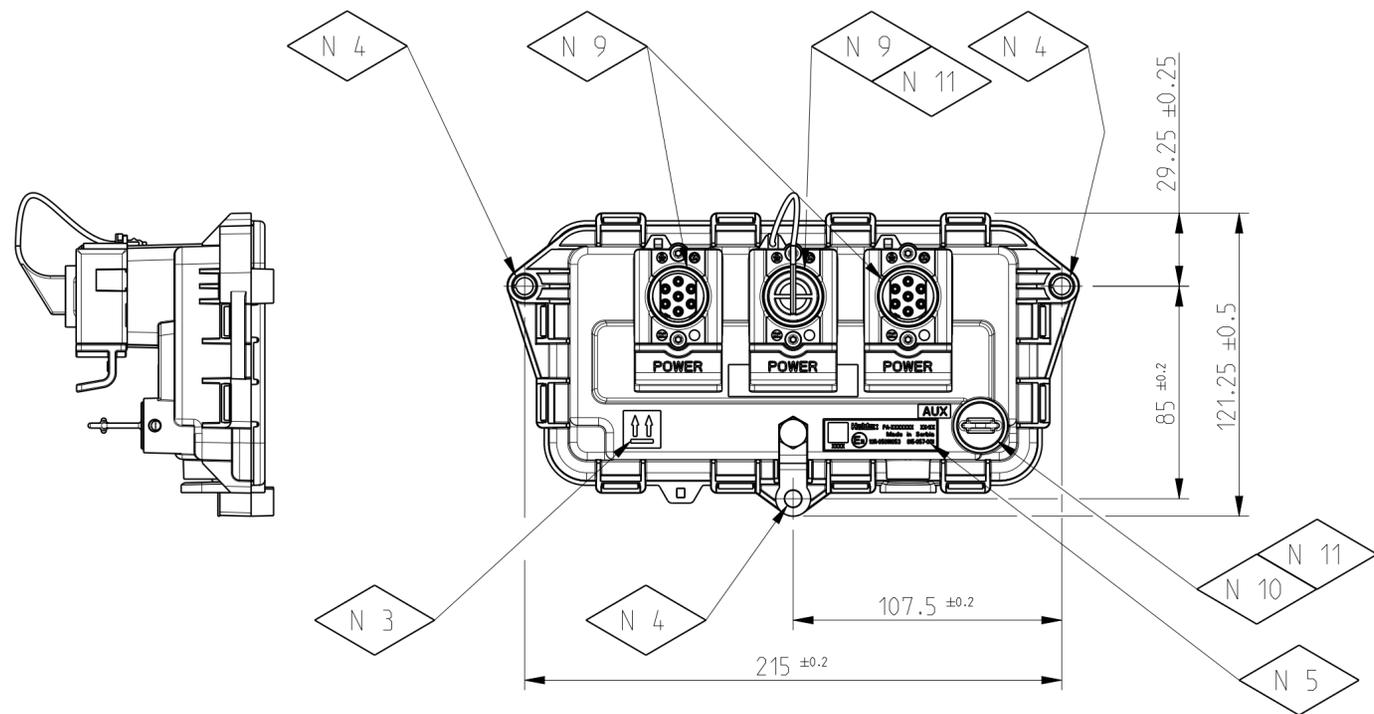
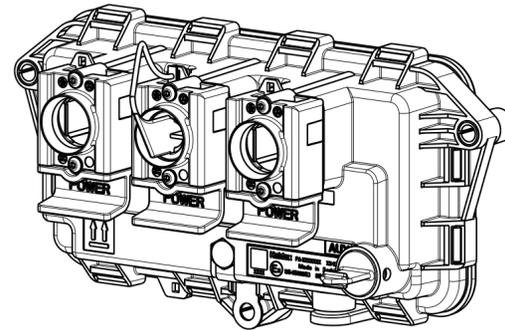
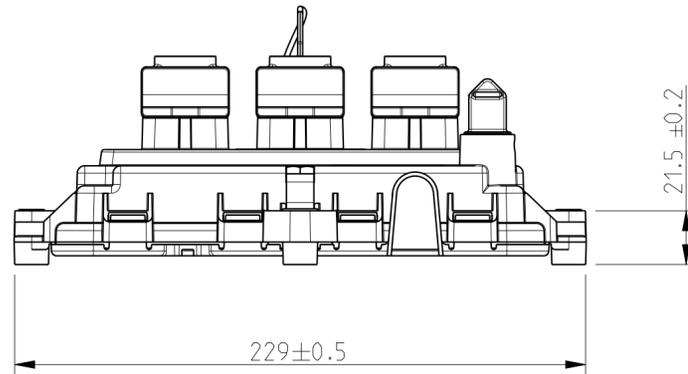


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REV	CHANGE DESCRIPTION AND ORDER NUMBER	DATE	CHANGED	CHECKED	APPROVED
01	00457 - PRODUCTION RELEASE	2020-10-02	KW164	MC028	WS144

- N1 THE ECU ASSEMBLY MUST BE POSITIONED TO GIVE MAXIMUM PROTECTION FROM PROJECTILES.
- N2 APPROXIMATE MASS OF ASSEMBLY: 0.6 Kg.
- N3 ECU OPERATING PARAMETERS;
TEMPERATURE RANGE: -40°C TO +80°C.
INSTALLATION ATTITUDE: ± 15°.
SEE INSTALLATION MANUAL: 006 300 049
ELECTRICAL: 12/24V DC.
- N4 RECOMMENDED FIXING SCREW: THREAD SIZE M6 x 1.0-6H - 30 LONG. LOCKING TORQUE 4.5/6.1 Nm. FASTENER TO BE PROTECTED FROM CORROSION
TO GIVE 200 HOURS SALT SPRAY RESISTANCE.
- N5 POSITION OF ASSEMBLY PART NUMBER, DATE CODE, EMC APPROVAL No. AND BATCH No.
- N6 CONFORMS TO IP69 (BS EN 60529) WHEN MATED WITH APPROPRIATE CABLE ASSEMBLIES.
- N7 CARE MUST BE TAKEN DURING HANDLING OF ASSEMBLY: UNIT IS BENCH ROLL RESISTANT BUT NOT DROP RESISTANT: CARE MUST ALSO BE TAKEN DURING HANDLING DUE TO RISK OF INJURY THROUGH CONTACT WITH CORNERS AND SHARP EDGES.
- N8 FIXING FACE MUST BE FLUSH MOUNTED WITH VEHICLE CHASSIS TO ENSURE ELECTRICAL CONTINUITY.
- N9 CONNECTION FOR POWER 'A' IN OR POWER 'A' OUT.
- N10 CONNECTION FOR AUXILIARY CABLE (TO REMOTE PRESSURE SENSOR).
- N11 BLANKING PLUGS FITTED IN SHOWN ELECTRICAL CONNECTIONS ONLY TO BE REMOVED IF CONNECTION IS REQUIRED.
- N12 THIS PRODUCT SHOULD BE DISPOSED OF IN ACCORDANCE WITH LOCAL WEEE/ELV DIRECTIVES.



PART NUMBER	DESCRIPTION
815 057 001	EB+ CAN HUB ASSEMBLY

TOLERANCE UNLESS OTHERWISE SPECIFIED	DOC TYPE	SCALE	MATERIAL		
-	ASSEM	1:2	VARIOUS		
THIS DOCUMENT USES SPECIAL CHARACTERISTICS AS DEFINED IN PROCEDURE HDX2-3-364	DRAWN	DATE	WEIGHT (ONLY FOR INFO.)		DIMENSION IN
	HolderM	2018-02-16	0.6 kg	kg	mm DO NOT SCALE DRAWING
	CHECKED	DATE	TITLE		
	HOLDE	20200421	CAN HUB CUSTOMER DRAWING		
HALDEX BRAKE PRODUCTS LTD MIRA TECHNOLOGY PARK	APPROVED	DATE	ITEM NUMBER	PROJECTION	SHEET
	WS144	2020-04-28	815_057_000_2		1(3)

GENERIC MODEL (INFO ONLY): 815_057_000_2

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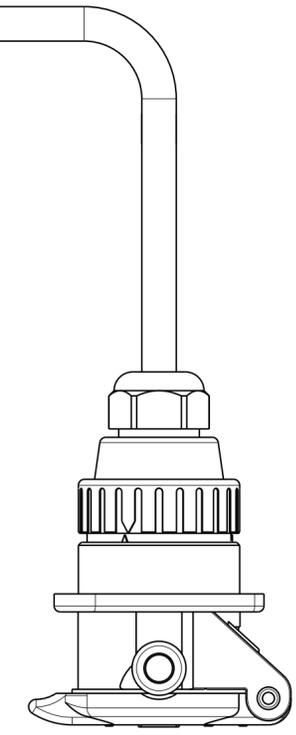
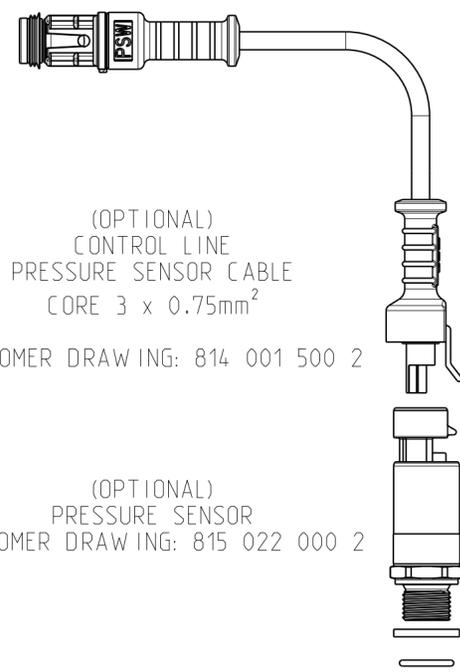
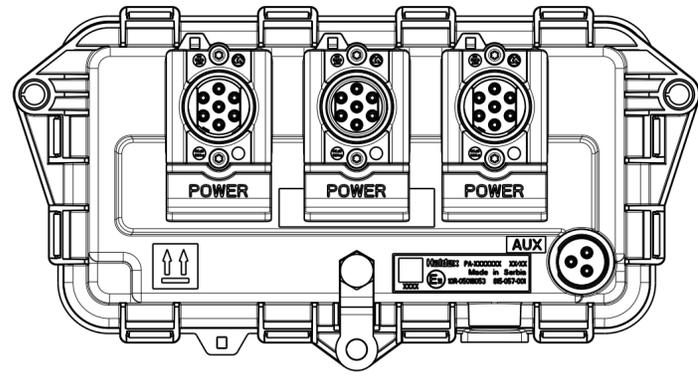
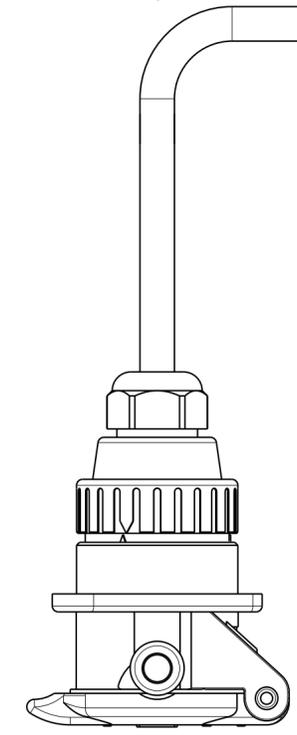
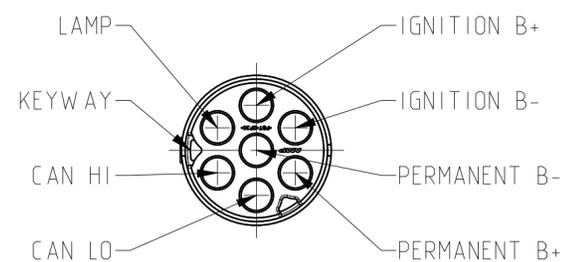
REV	CHANGE DESCRIPTION AND ORDER NUMBER	DATE	CHANGED	CHECKED	APPROVED
01	00457 - PRODUCTION RELEASE	2020-10-02	KW164	MC028	WS144

EB+ GEN 3 CAN HUB CABLE
 CUSTOMER DRAWING: 814 042 000 2
 THEORETICAL MAXIMUM CABLE LENGTH 40m

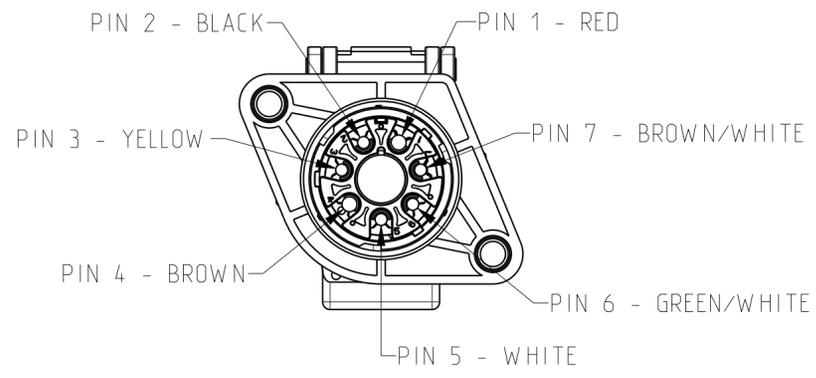
N 1 12V & 24V ISO 7638 SOCKET CABLE
 CUSTOMER DRAWING: 814 003 100 2
 MAXIMUM CABLE LENGTH 18m

N 1 12V & 24V ISO 7638 SOCKET CABLE
 CUSTOMER DRAWING: 814 003 100 2
 MAXIMUM CABLE LENGTH 15m

ALL PLUGS CAN BE
 INSERTED IN TO
 ANY SOCKET



LOCAL EB+ ECU



N1 ALTERNATIVE POWER CABLE CUSTOMER DRAWING NUMBERS:

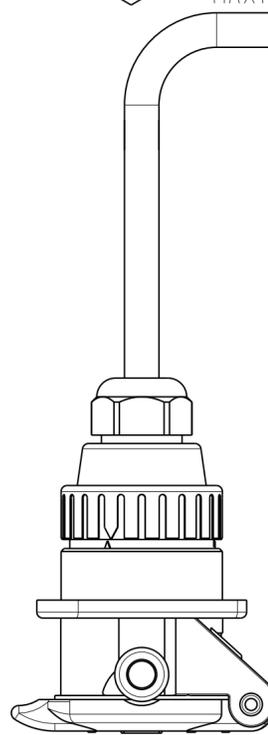
DRAWING No:	DESCRIPTION
814 004 100 2	12V & 24V ISO 7638 PLUG
814 009 100 2	BARE WIRES
814 026 000 2	KNORR INTERFACE

TOLERANCE UNLESS OTHERWISE SPECIFIED	DOC TYPE	SCALE	MATERIAL			
ISO 2768-m	ASSEM	3:5	N/A			
THIS DOCUMENT USES SPECIAL CHARACTERISTICS AS DEFINED IN PROCEDURE HDX2-3-364	DRAWN	DATE	WEIGHT (ONLY FOR INFO.)	DIMENSION IN		
	HolderM	2018-02-16	0.6 kg kg	mm DO NOT SCALE DRAWING		
	CHECKED	DATE	TITLE			
	HOLDE	20200421	CAN HUB CUSTOMER DRAWING			
HALDEX BRAKE PRODUCTS LTD MIRA TECHNOLOGY PARK	APPROVED	DATE	ITEM NUMBER	PROJECTION	SHEET	FORMAT
	WS144	2020-04-28	815_057_000_2		2(3)	A2

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REV	CHANGE DESCRIPTION AND ORDER NUMBER	DATE	CHANGED	CHECKED	APPROVED
01	00457 - PRODUCTION RELEASE	2020-10-02	KW164	MC028	WS144

EB+ GEN 3 CAN HUB CABLE
 CUSTOMER DRAWING: 814 042 000 2
 THEORETICAL MAXIMUM CABLE LENGTH 40m

N 1
 12V & 24V ISO 7638 SOCKET CABLE
 CUSTOMER DRAWING: 814 003 100 2
 MAXIMUM CABLE LENGTH 18m

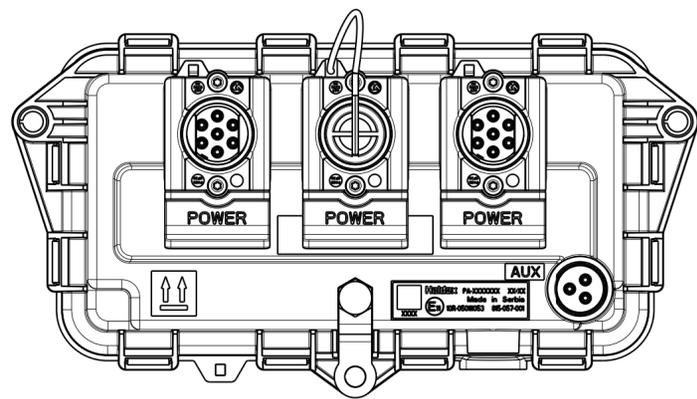


ISO 7638 (TOWED)

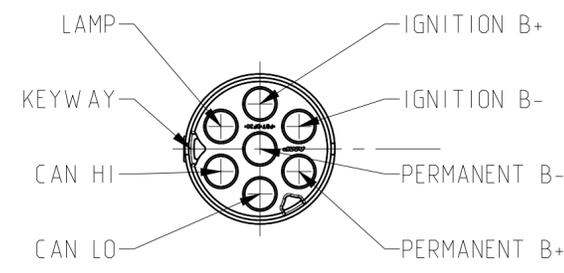
ALL PLUGS CAN BE INSERTED IN TO ANY SOCKET

BLUE

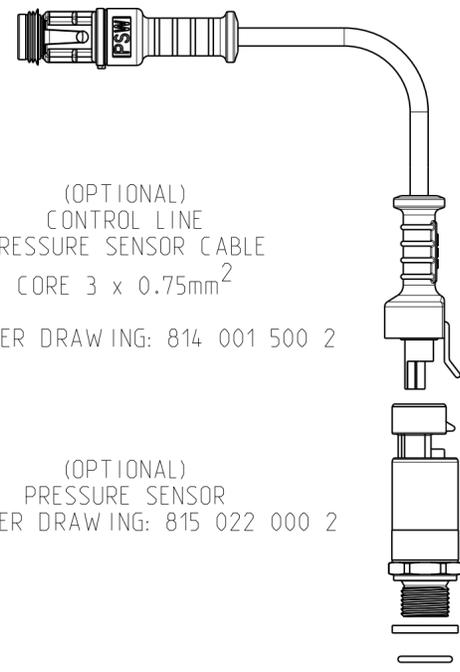
BLUE



ECU ASSEMBLY
815 057 001



FRONT VIEW OF POWER CONNECTORS
SCALE 3:2

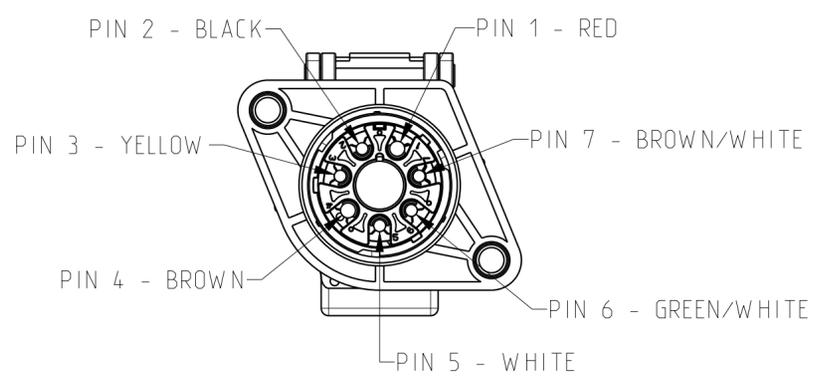


(OPTIONAL) CONTROL LINE PRESSURE SENSOR CABLE
CORE 3 x 0.75mm²

CUSTOMER DRAWING: 814 001 500 2

(OPTIONAL) PRESSURE SENSOR
CUSTOMER DRAWING: 815 022 000 2

LOCAL EB+ ECU



REAR VIEW OF ISO 7638 SOCKET

N1 ALTERNATIVE POWER CABLE CUSTOMER DRAWING NUMBERS:

DRAWING No:	DESCRIPTION
814 004 100 2	12V & 24V ISO 7638 PLUG
814 009 100 2	BARE WIRES
814 026 000 2	KNORR INTERFACE

TOLERANCE UNLESS OTHERWISE SPECIFIED ISO 2768-m	DOC TYPE ASSEM	SCALE 3:5	MATERIAL N/A		
THIS DOCUMENT USES SPECIAL CHARACTERISTICS AS DEFINED IN PROCEDURE HDX2-3-364	DRAWN HolderM	DATE 2018-02-16	WEIGHT (ONLY FOR INFO.) 0.6 kg	DIMENSION IN mm DO NOT SCALE DRAWING	
	CHECKED HOLDE	DATE 20200421	TITLE CAN HUB CUSTOMER DRAWING		
HALDEX HALDEX BRAKE PRODUCTS LTD MIRA TECHNOLOGY PARK	APPROVED WS144	DATE 2020-04-28	ITEM NUMBER 815_057_000_2	PROJECTION 3(3)	FORMAT A2