

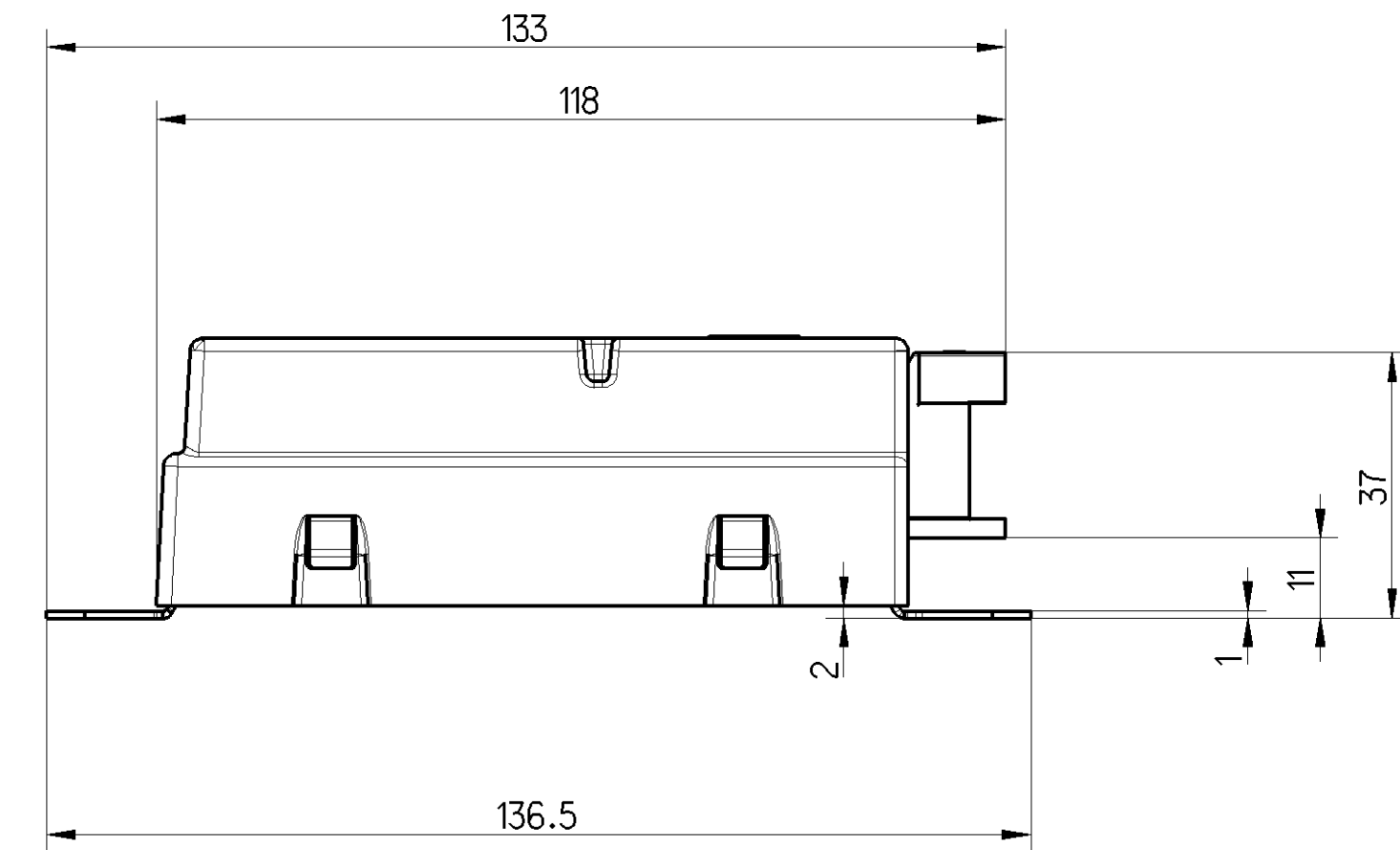
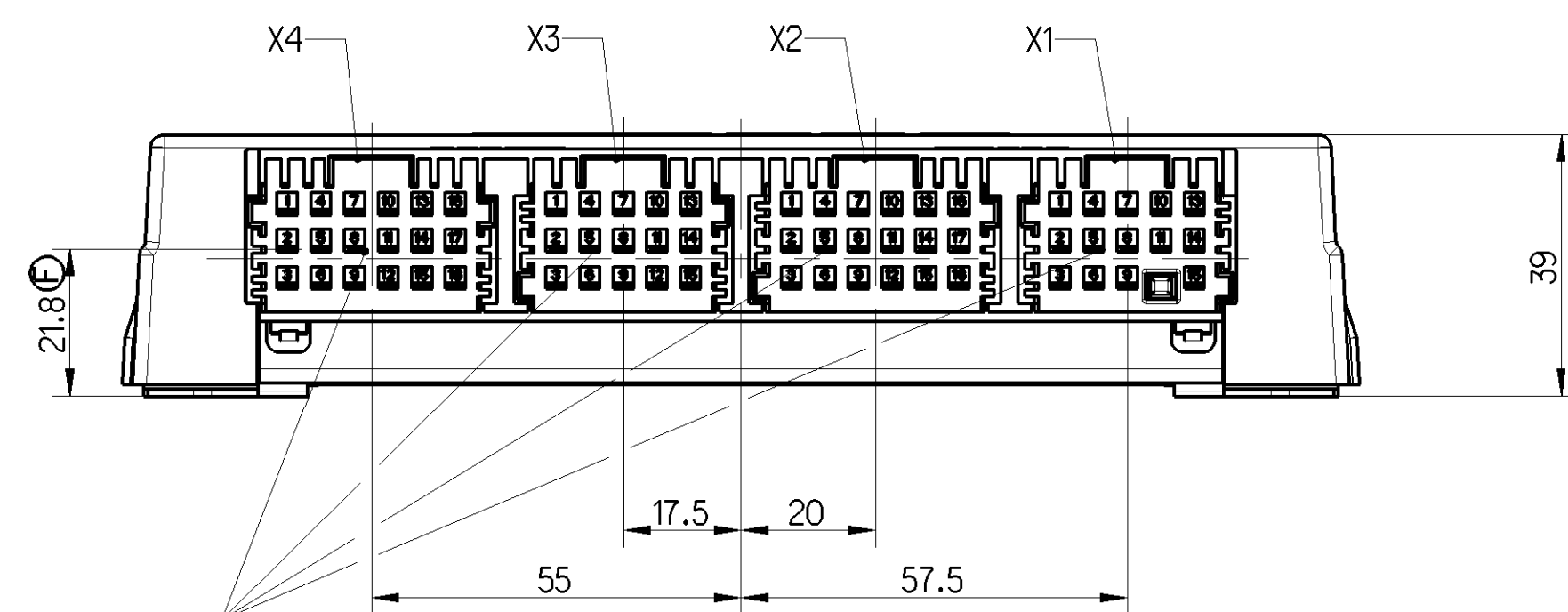
(F)	① SAFETY CHARACTERISTICS	0
	② SIGNIFICANT CHARACTERISTICS	6

PIN	WABCO name	ZF name	Function
X1.1	VCLUB1	ADP1	Safely switch clutch 1
X1.2	VC11	ADM1	Solenoid valve clutch open 1 (filling)
X1.3	VC12	ADM3	Solenoid valve clutch close 1 (exhausting)
X1.4	VCLUB2	ADP2	Safely switch clutch 2
X1.5	VC21	ADM2	Solenoid valve clutch open 2 (filling)
X1.6	VC22	ADM4	Solenoid valve clutch close 2 (exhausting)
X1.7	NC	NC	Not connected (ZF)
X1.8	NC	NC	Not connected (ZF)
X1.9	KL31A	VM1_31	GND/ Key 31A
X1.10	KL15	VP_15	Ignition/ Key 15
X1.11	NC	NC	Not connected (ZF)
X1.12			
X1.13	KL30A	VP1_30	Battery Supply/ Key 30A
X1.14	KL30B	VP2_30	Battery Supply/ Key 30B
X1.15	KL31B	VM2_31	GND/ Key 31B

Pin	WABCO name	ZF name	Function
X2.1	VGND11	ADM5_1	Safely switch gearbox 1
X2.2	VG1	ADP3	Solenoid valve VG1
X2.3	VG2	ADP4	Solenoid valve VG2
X2.4	VGND12	ADM5_2	Safely switch gearbox 1
X2.5	VG3	ADP5	Solenoid valve VG3
X2.6	VG4	ADP6	Solenoid valve VG4
X2.7	VG5	ADP7	Solenoid valve VG5
X2.8	VG6	ADP8	Solenoid valve VG6
X2.9	NC	NC	Not connected (ZF)
X2.10	VG7	ADP9	Solenoid valve VG7
X2.11	VG8	ADP10	Solenoid valve VG8
X2.12	VG9	ADP11	Optional (ZF)
X2.13	VGND21	ADM6_1	Safely switch gearbox 2
X2.14	VG10	ADP12	Optional (ZF)
X2.15	VG11	ADP13	Optional (ZF)
X2.16	VGND22	ADM6_2	Safely switch gearbox 2
X2.17	VG12	ADP14	Optional (ZF)
X2.18	NC	NC	Not connected (ZF)

Pin	WABCO name	ZF name	Function
X3.1	DSG	EL.4	Position Sensor Gear
X3.2	DSSE	EL.3	Position Sensor Selection
X3.3	DSR	EL.2	Position Sensor Range
X3.4	DSSP	EL.5	Position Sensor optional
X3.5	DSC	EL.1	Position Sensor Clutch
X3.6	DSQR	EL.6	Connected to DSC in harness (ZF)
X3.7	WS-GND	VM.S	Position Sensor GND
X3.8	DIG1	ED1	Digital IN 1
X3.9	DIG2	ED2	Digital IN 2
X3.10	DIG3	ED3	Digital IN 3
X3.11	DIG4	ED4	Digital IN 4
X3.12	DIG5	ED5	Digital IN 5
X3.13	DIG6	ED6	Digital IN 6
X3.14	NC	NC	Not connected (ZF)
X3.15	NC	NC	Not connected (ZF)

Pin	WABCO name	ZF name	Function
X4.1	CAN1-H	CAN1_H	CAN1 Hightline
X4.2	CAN1-L	CAN1_L	CAN1 Lowline
X4.3	ASIN	ER1	Analog Sensor IN
X4.4	CAN2-H	CAN2_H	CAN2 Hightline
X4.5	CAN2-L	CAN2_L	CAN2 Lowline
X4.6	ASIN-GND	GND1	Analog Sensor IN GND
X4.7	GND	GND	GND connection, not used (ZF)
X4.8	CAN1-T	CAN1_T	CAN1 termination (ZF)
X4.9	SIN2	EF3	Speed Sensor Input 2
X4.10	SIN1-GND	GND2	Speed Sensor Input 1 GND
X4.11	SIN1	EF2	Speed Sensor Input 1
X4.12	SIN2-GND	GND3	Speed Sensor Input 2 GND
X4.13	RIN2	EF1	Speed Sensor Input (ATS)
X4.14	ESS	AU1	Speed Sensor (ATS) Supply
X4.15	CAN1-H*	CAN1_H*	CAN1 Hightline (additional terminal, ZF)
X4.16	RIN1	EF4	Speed Sensor Input 1
X4.17	RIN1-GND	GND4	Speed Sensor Input 1 GND
X4.18	CAN1-L*	CAN1_L*	CAN1 Lowline (additional terminal, ZF)



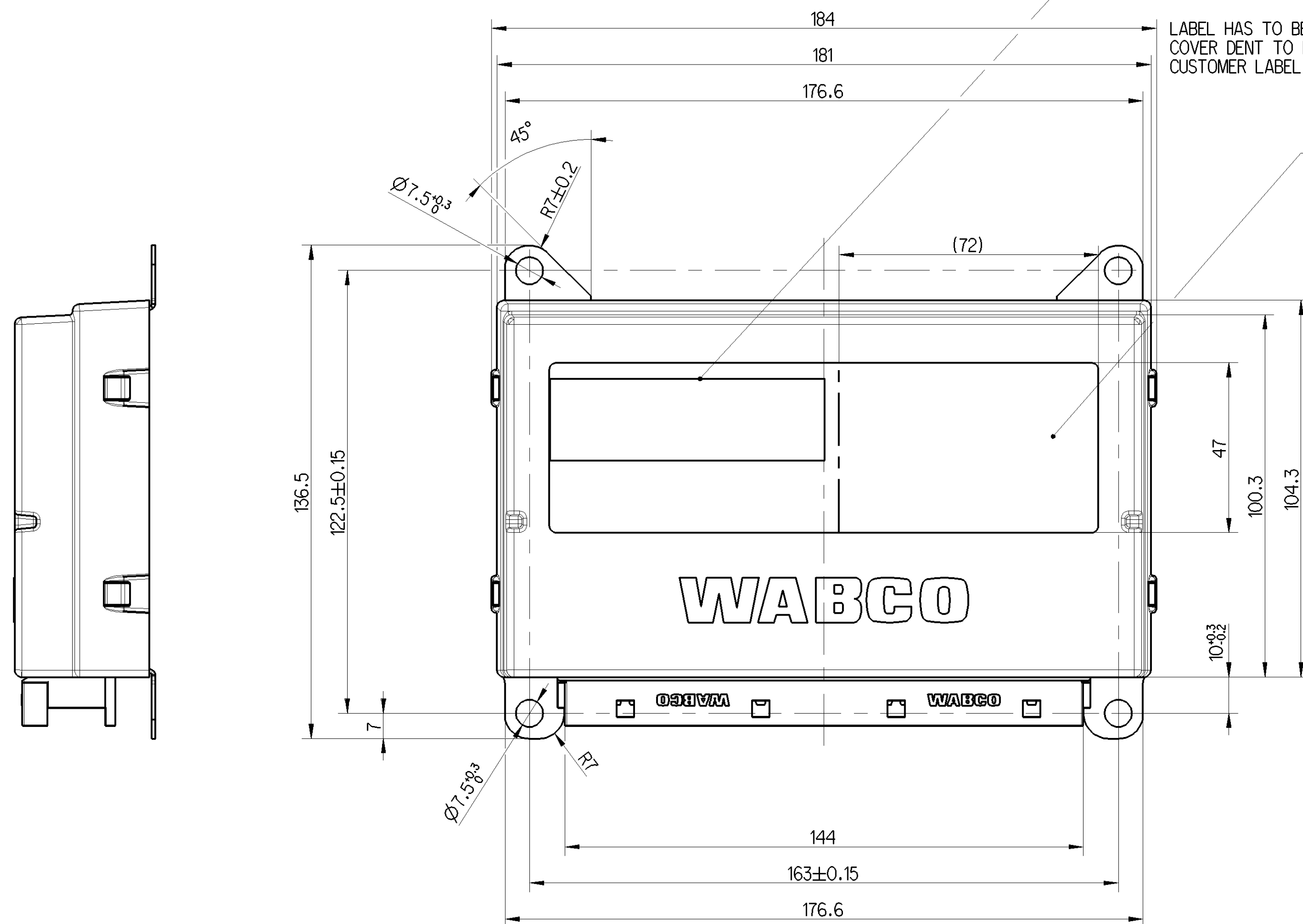
SEE DOCUMENT :
SIEHE DOKUMENT : 894 075 970 2 / 652 (F)
VOIR DOCUMENT : VARIANT 894 075 986 2 (F)
VEDERE DOCUMENTO :

⑦ <2> ASSEMBLY OF THE RIGHT TYPE OF CONNECTOR HAS TO BE ENSURED

⑦ $\rightarrow$ FUNCTION HAS TO BE ENSURED

<2> CUSTOMER INTERFACE: CORRECT LABEL CONTENT (F)

DETAILS SEE LABELING INFORMATION :
 DETAILS SIEHE LABELING INFORMATION : 446 400 025 0/ 922 (F)
 DETAILS VOIR LABELING INFORMATION :
 DETAGLI VEDERE LABELING INFORMATION :



RESERVED SPACE FOR CUSTOMER LABEL

↳ CUSTOMER INTERFACE: RESERVED SPACE IN THE COVER DENT FOR CUSTOMER LABEL (min 71mm x min 36mm) HAS TO BE ENSURED

VOLTAGE :
SPANNUNG : 18V ... 32V
VOLTAGE :
VOLTAGGIO:

THERMAL RANGE OF APPLICATION :
THERM. ANWENDUNGSBEREICH : -40 °C ... +85 °C
GAMME D'APPLICATIO THERMIQUE :
CAMPO DI APPLICAZIONE TERMICA:

PROTECT TYPE :
SCHUTZART : IP 30 (ISO 20653) (electronic hardware)
IP 5KO (ISO 20653) (assembled electronic hardware)

MODE DE PROTECTION:
MODI DI PROTEZIONE:

MALE MULTIPOINT CONNECTOR: SURFACE PROTECTION :
MESSERLEISTE: OBERFLÄCHENSCHUTZ : Sn
CONNECTEUR MALE MULTIBROCHE: PROTECTION DE SURFACE:
SPINE MULTIPA: PROTEZIONE SUPERFICIALE :

DATE OF MANUFACTURE :
HERSTELLDATUM : JED-226
DATE DE FABRICATION :
DATA DI FABBRICAZIONE:

ELECTRONIC CONTROL UNIT SUITABLE FOR:
ELEKTRONIK GEEIGNET FUER: ZF EST80 (6070 313 105)
ELECTRONIQUE APPE POUR:
CENTRALINA ELETTRONICA ADATTA PER:

AUXILIARY DIMENSION
(...) HILFSMASS
DIMENSION AUXILIAIRE
DIMENSIONE AUSILIARIA

MAX. TIGHTENING TORQUE FOR FASTENING SCREWS
- HEXAGONAL SCREW 6 Nm
- TORX SCREW 7 Nm
MAXIMALES ANZIEHERMOMENT FÜR DIE BEFESTIGUNGSSCHRAUBEN
- SECHSKANT SCHRAUBE 6 Nm
- TORX SCHRAUBE 7 Nm
MAXIMUM DE COUPLE DE SERRAGE POUR LES VIS DE MONTAGE
- MAXIMUM DOUVILLE VIS 6 nm
- VIS TORX - 7 Nm
MASSIMA COPPIA DI SERRAGGIO PER LE VITI DI FISSAGGIO
-ESAGON PRESA VITE 6 nm
-VITE TORX - 7 Nm

X1.X4: ONLY FOR INFORMATION, NOT ENSURED BY WABCO
- MATING AND UNMATING FORCE FOR SINGLE CONTACT: max. 7N (Tyco 108-18619-3 Rev. B)
- MATING CYCLES: <= 10 CYCLES

X1.X4: NUR ZUR INFORMATION, NICHT GARANTIERT DURCH WABCO
- STECK- UND ZIEHKRAFT EINES EINZELKONTAKTS: max. 7N (Tyco 108-18619-3 Rev. B)
- STECKZYKLEN: <= 10 ZYKLEN

EMC NUMBER: (E1) 10R - 058077 <2>
EMC NUMBER:

POS	PRODUCTNUMBER	DESIGNATION	MATERIAL
1	446 400 600 4	PLATE OPT1 DRIVE	JED 585-2 (D5X1D2275-N-A-C 1.0226 EN 10327)
2	446 003 012 2	COVER	JED 465-6 (ABS GF 16)
3	894 075 986 2	MALE MULTIPPOINT CONNECTOR,65-PIN	JED 375-1 (PBT GF 20)
4	894 075 082 4	CONTACT 2.8	JED 067MG (CuSn 0,15)

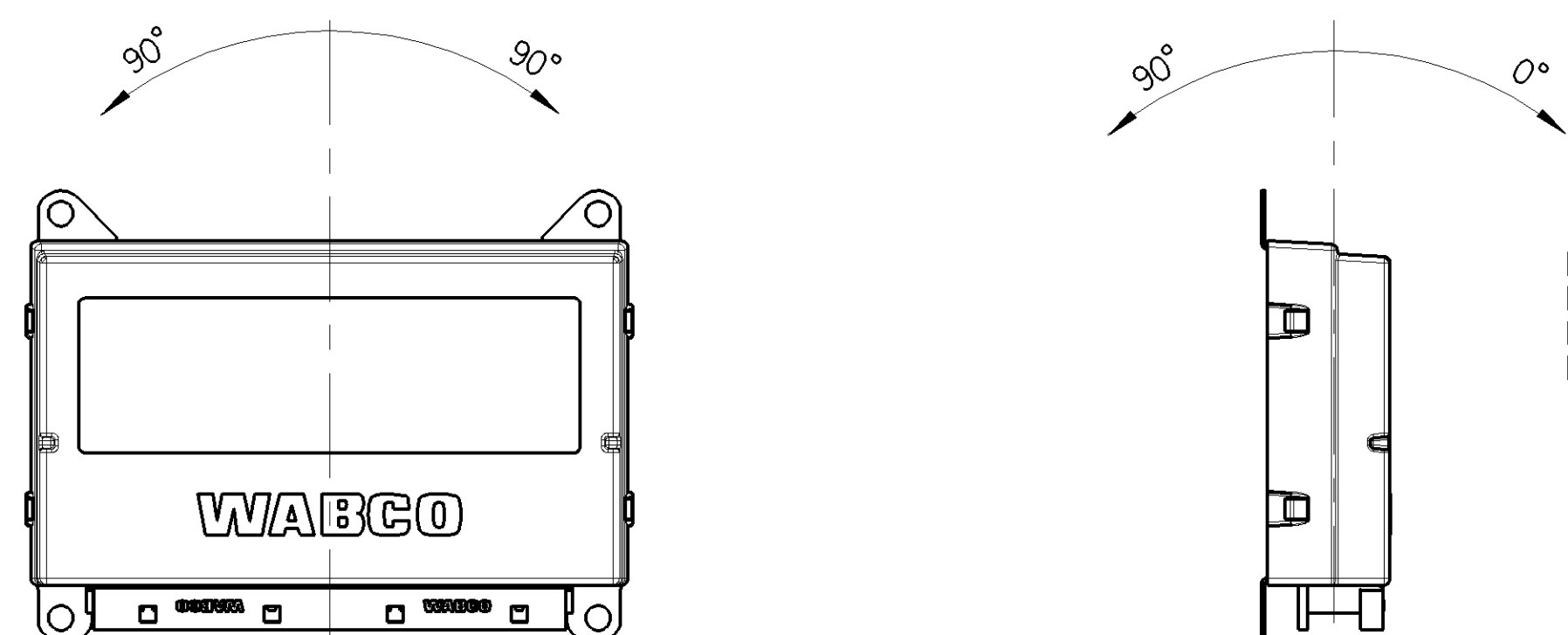
➤ CUSTOMER INTERFACE: USAGE OF THE CORRECT PART NUMBER FOR POS 1, 2, 3, 4 HAS TO BE ENSURED

Data matrix code contents on the WABCO label 446 400 025 0/922

The data matrix code is according to ISO/IEC 16002:2000, with symbol attributes according ECC200

Pos.	Length	Relevance of characters	Content
1-10	10	WFC part number	6070313105
11-18	8	WABCO serial number (last 6 digits of the WABCO ECU barcode from label field 17, filled with leading zeros)	00423456-
19-28	10	WABCO part number	4464000250
29-31	3	Manufacturer plant identification (PRI - Production Responsibility Index)	WW
32-36	5	Manufacturing date (Format WABCO JED-226)	<WW/ JJ>
37-41	5	WABCO Test bench number	<12345>

Note: Value, shown as <...> in content row are variable and calculated at the production process



RECOMMENDED INSTALLATION POSITION:
EMPFOHLENE EINBAULAGE:
POSITION D'INSTALLATION RECOMMANDÉE:
POSIZIONE DI MONTAGGIO RACCOMANDATA:

1:2

FOR INFORMATION: MISSING DIMENSIONS SEE CAD MODEL

[illegible][illegible]