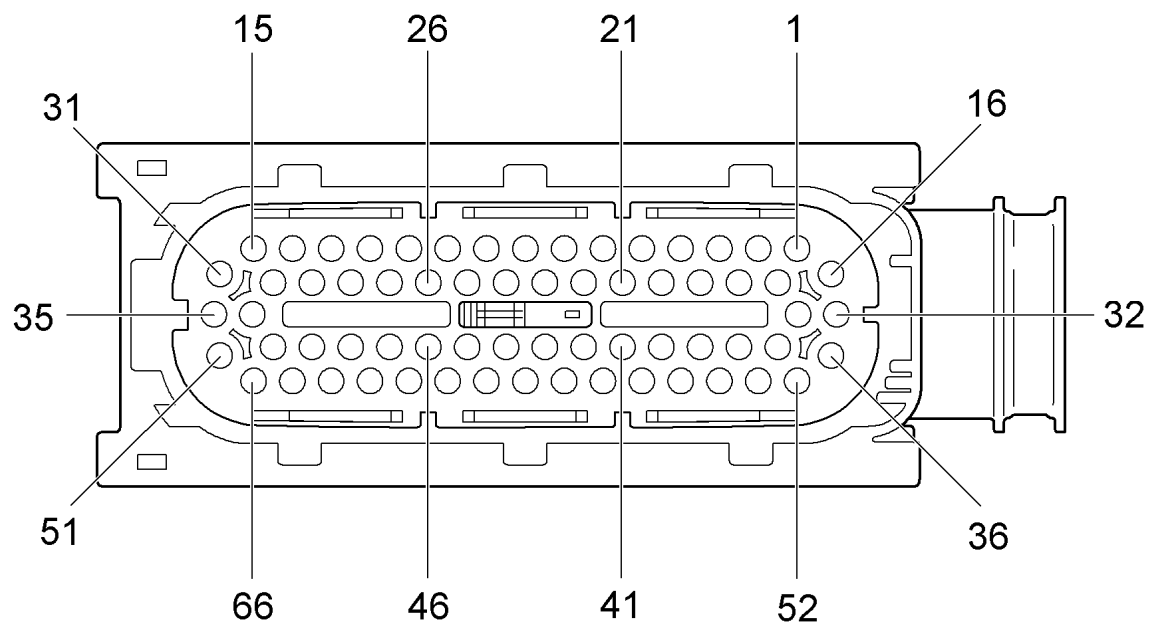


YS2R6X400E9183544 / APS, Compressed air supply / E 56, APS control unit / APS / P, Power supply / P2, Central electric unit

## C 1, Connector

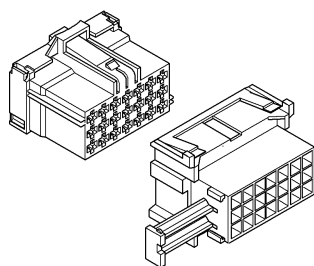


From front, round sockets.Cable side, round sockets.From front, round pins.Cable side, round pins.





C 1, Connector



C 483, Connector

## P 2, Central electric unit

**Fuses:**Warning!Always switch off the voltage when renewing fuses.Important!Always fit a fuse of the size specified in the list.Important!  
Always check the fuse and relay positions against the POW electrical diagram concerned.**Fuses for special functions:Relays and con-**

Fuse (No.)	Size (A)	System	Function	Supply	Cable colour	Connection 1	Marking of cable 1	Cable cross-sectional area 1 (mm²)	Connection 2	Marking of cable 2	Cable cross-sectional area 2 (mm²)
1	5	COO, BMS	Trailer ECU, ABS/EBS	15AA	Green	A-1	COO125	0.75	A-2	BMS212	0.75
2	30	COO	Trailer valves	15AB	Green	A-3	COO128	4	A-4		
3	5	COO	PT01, PT02	15AC	Green	A-5	COO251	0.75	A-6	COO253	0.75
4	2	MIA, VIS	Mirror adjustment, reverse alarm	15AD	Green	A-7	MIA15	0.75	A-8	VIS167	0.75
5	5	TCO, LDW, FLC	Tachograph, Lane departure warning	15AE	Green	A-9	TCO33	0.75	A-10	LDW12	1.5
6	20	WIW	Window winder, left-hand side	15AF	Green	A-11	WIW12	2.5	A-12	WIW10	2.5
7	10	VIS	Head-lamp wipers	15AG	Green	A-13	VIS16	1.5	A-14	VIS17	1.5
8	10	POW	Cigarette lighter	15AH	Green	A-15	POW45 +POW46	2.5	A-16	POW28	
9	5	FAS, COO	Inter-ractor 200 (FAS)/Communicator	15AJ	Green	A-17	FAS14 +FAS15	1.5+1.5	A-18	COO130	0.75

			100, cruise control								
10	5	CCS, INL	ACC/ MCC, internal lighting Exclu- sive	15BA	Green	B-1	CCS3/ CCS2 +CCS4	0.75 +0.75 +0.75	B-2	INL12	0.75
11	10	RDL, AWD/ ABS	Diffe- rential locks, ABS 6 chan- nels	15BB	Green	B-3	RDL26	1	B-4	AWD12/ BMS222	1.5
12	5	FHS	Fuel pre- heating, heater for fuel filter	15BC	Green	B-5	FHS9	1	B-6		
13	10	TAL	Tag axle lift	15BD	Green	B-7	TAL17 +TAL4	0.75 +0.75	B-8		1.5
14	5	CSS	Airbag	15BE	Green	B-9	CSS015	0.75	B-10		
15	20	WIW	Window winder, right- hand	15BF	Green	B-11	WIW18 +WIW2 0	2.5+2.5	B-12	WIW14 +WIW1 6	2.5+2.5
16	10	CAT	Electric cab tilt- ing	15BG	Green	B-13			B-14	CAT	
17	20	BWS	Body- work	15BH	Green	B-15	BWS111	2.5	B-16	BWS207	1.5
18	5	SCS, POW	Safety belt buckle, safety switch ADR	15BJ	Green	B-17	SCS015	0.75	B-18	POW22 7	01
19	20	COO	Coor- dinator	30A	Red	C-1	COO58	2.5	C-2		
20	20	EMS	EDC	30B	Red	C-3	COO68	2.5	C-4		
21	10	COO	Starter lock	30C	Red	C-5	COO73	0.75	C-6		
22	20	EMS	EDC	30D	Red	C-7	COO67	2.5	C-8		

23	10	VIS	Brake lamp	30E	Red	C-9	VIS275	1.5	C-10		
24	20	BMS	ABS/EBS	30F	Red	C-11	BMS44	2.5	C-12	BMS45	2.5
25	10	SMS	ELC	30G	Red	C-13	SMS4	1.5	C-14	SMS5	1.5
26	20	CCS	Cab fan	30H	Red	C-15	CCS1	2.5	C-16		
27	5	CCS, AHS	CT/CTR	30J	Red	C-17	CCS5	0.75	C-18	AHS3	0.75
28	20	ROH	Roof hatch	30K	Red	C-19	ROH1	2.5	C-20		
29	10	ICL, TCO	Instrument cluster, tachograph	30L	Red	C-21	ICL18	1.5	C-22	TCO13	1.5
30	30	BWS	Body-work	30M	Red	C-23	BWS		C-24	BWS	
31	10	AWD, INL	AWD ECU, internal lighting	30N	Red	C-25	AWD5	1.5	C-26	INL5 +INL4 +INL1	1.5+1 +1.5
32	10	COO	SDP3	30R	Red	D-1	COO83	0.75	D-2		
33	10	HVF, VIS	Swiss road toll preparation, rotating beacon	30S	Red	D-3	HVF5	1.5	D-4	VIS172	1.5
34	20	POW	Voltage converter 24 V/12 V, 12 V electrical socket	30T	Red	D-5	POW34	2.5	D-6		
35	10	TGS, BWS	Trailer	30U	Red	D-7	TGS	1.5	D-8	BWS216	1.5
36	20	GMS	OPC/GA Allison	30V	Red	D-9	GMS1/ GMS136 2 +GMS1 363	2.5/1.5 +1.5			

trol units in the central electric unit:

37	10	LAS	Central locking	30X	Red	D-11	LAS101+LAS201/MCL1	1.5+1.5	D-12	LAS1/MCL2	1.0/1.5
38	20	AHS	Auxiliary heater (ATA, WTA)	30Y	Red	D-13	AHS1		D-14		1.5
39	10	VIS	Reversing light	30Z	Red	D-15	VIS276	1.5	D-16		1.5
40	20	POW	24 V electrical socket	30AA	Red	D-17	POW24+POW39	2.5+2.5	D-18	POW41	2.5
41	10	APS, FMS	APS ECU, FMS preparation	30AB	Red	D-19	APS9	1.5	D-20	RTG3	1.5
42	30	CAT	Electric cab tilting	30AC	Red	D-21	CAT		D-22		
43	10	REF, FAS	Refrigerator, Interactor 200/Communicator 100 (FAS/RTI)	30AD	Red	D-23	REF	1.5	D-24	FAS	1.5+1.5
44	10	AUS	Amplifier	30AE	Red	D-25	AUS42	1.5	D-26	AUS44	2.5
45	10	MIH, ACL	Rear view mirror heater, ACL	61A	Blue	E-1	MIH61	1.5	E-2	ACL1	1
46	10	SCS, ALT	Seat heating, Alert	61B	Blue	E-3	SCS61+SCS261	1.5	E-4	ALT30	
47	10	APS, FHS	Air dryer, fuel filter heater	61C	Orange	E-5	APS47	1.5	E-6	FHS13	1.5
48	10	BWS	Body-	61D		E-7	BWS		E-8	BWS	

			work									
49	-	-	-	-	-	-	-	-	-	-	-	-
50	5	COO	Alert yellow & green bus	X15	white	E-11	COO70	0.75	E-12			
51	-	-	-	-	-	-	-	-	-	-	-	-
52	2	LAS	Alarm	B	Brown	E-15	LAS40	0.75	E-16	INL		0.75
53	2	INL, ROH	INL Exclusive, warning of open roof hatch	B	Violet, grey	E-17	INL13	0.75	E-18	ROH050		0.75
54	10	VIS	Parking light, left-hand side	58A	Grey	F-1	VIS18 +VIS205	1.5+1.5	F-2	VIS19 +VIS20		1.5+1.5
55	10	VIS	Parking light, right-hand side	58B	Orange	F-3	VIS22 +VIS21	1.5+1.5	F-4	VIS24 +VIS23		1.5+1.5
56	5	INL, VIS	Background lighting, levelling adjustment for head-lamps	58C	Blue	F-5	INL14	0.75	F-6	VIS		0.75
57	20	BWS	Body-work	58D		F-7	BWS		F-8	BWS		
58	10	VIS	Trailer, left-hand side	58E	Grey	F-9	VIS203	1.5	F-10			
59	10	VIS	Trailer, right-hand side	58F	Brown	F-11	VIS204	1.5	F-12			
60	-	-	-	-	-	-	-	-	-	-	-	-



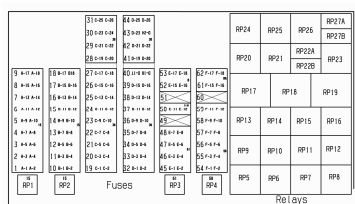
61	2	BWS	Body-work	RA		F-15	BWS		F-16	BWS	
62	2	POW	Voltage converter 24 V/12 V	RA	Violet	F-17	POW31	0.75	F-18		
63	10	DAU, FLC	Driver alert unit, Forward looking camera	30AR		A-19	DAU1	1.5	A-20		
64	5	SMS	Electric power supply	30AS	Red	A-21	SMS200		A-22		
65	20	COO	Variable geometry turbo-charger	30AT	Red	A-23	COO710	2.5	A-24		
66	10	TPM	Electric power supply, TPM control unit	30AU	Red	A-25	TPM1	1.5	A-26		
67	30	KIT, CAT	Kitchen module, cab tilt system	30AF	Red	B-19	KIT530/532 KIT536	4.0	B-20	CAT8	4.0
68	10	KIT	Electric power supply	30AG	Red	B-21	KIT835	1.5	B-22	KIT830	1.5
69	20	ATL	Trailer axle lock	30AH	Red	B-23	ATL9	2.5	B-24		
70	10	DIS2	Distance sensor	30AJ	Red	B-25	DIS51	1.0	B-26		
71	20	FHS, FCS	Fuel heater, fuel cooler system	30AK	Red	E-19	FHS15	2.5	E-20	FCS23	
72	10	THR	Electric throttle	30AL	Red	E-21	COO8	2.5	E-22		

73	20	FHS, FCS	Fuel heater, fuel cooler system	30AM	Red	E-23	FHS4	2.5	E-24	FCS24	
74	20	VIS	Head-lamp cleaning	30AN	Green	E-25	VIS16	2.5	E-26		
75			Re-served for future system			F-19			F-20		
76			Re-served for future system			F-21			F-22		
77			Re-served for future system			F-23			F-24		
78			Re-served for future system			F-25			F-26		

Fuse (No.)	Size (A)	System	Function	Supply	Cable colour	Connection	Marking of cable	Cable cross-sectional area
F5	30	KIT	Kitchen equipment	30	Red	F5-6	KIT	4
F5	10	KIT	Kitchen equipment	30	Red	F5-8	KIT	1.5
F9	20	FHS	Heater fuel filter	30	Red	F9-2	FHS4	2.5
F14	20	WIW	Window winder, rear left (crew cab)	30	Green	F14-2	WIW1004 +WIW1005	2.5
F14	20	WIW	Window winder, rear right (crew cab)	30	Green	F14-4	WIW1006 +WIW1007	2.5

F14	10	FST	Footstep (crew cab)	30	White	F14-6	FST1004	1
F14	10	FST, POW	Footstep (crew cab)	30	Yellow, green	F14-8	FST1022, POW1002	1, 1.5

Position	System	Function
1	POW	15 voltage
2	POW	15 voltage
3	POW	controlled by VIS
4	POW	58 supply, controlled by VIS
5	INL	Internal lighting
6	TAL	Tag axle lift
7	VIS	Brake lamp
8	VIS	Reversing light
9	COO	Resistor unit for vehicles with cruise control without buttons for this on steering wheel
10	FMS	ECU for FMS preparation
11	FMS	ECU for FMS preparation
12	CCS	A/C relay (crew cab)
13	POW	Safety switch
18	POW	Extra 15 supply relay for S vehicles
19	CAT	Relay for electronic cab tilting
20	TGL, KIT	Tail lift and kitchen equipment
23	VIS	Auxiliary light
24	VIS	Auxiliary light
25	VIS	Auxiliary light



P 2, Central electric unit