

Electrical Test Program – Test

Designation	Connection to SBE control module (N42), connector 1	Nominal value	Connection to SBE control module (N42), connector 1 or 2	Nominal value
Door switch	Left door switch (S17/3)		Right door switch (S17/4)	
Door: open	16 —(1) ←(Ω)→ 15 (1) > 20 kΩ		16 —(1) ←(Ω)→ 10 (1) > 20 kΩ	
Door: closed	16 —(1) ←(Ω)→ 15 (1) < 1 Ω		16 —(1) ←(Ω)→ 10 (1) < 1 Ω	
Seat belt buckle switch	Left buckle switch (S68/1)		Right buckle switch (S68/2)	
Buckle: buckled	16 —(1) ←(Ω)→ 9 (1) > 20 kΩ		16 —(1) ←(Ω)→ 8 (1) > 20 kΩ	
Buckle: not buckled	16 —(1) ←(Ω)→ 9 (1) < 1 Ω		16 —(1) ←(Ω)→ 8 (1) < 1 Ω	
Extender arm “retracted“ switch	Left switch (A10s1)		Right switch (A11s1)	
	16 —(1) ←(Ω)→ 5 (1) < 1 Ω ¹⁾ > 20 kΩ ²⁾		7 —(2) ←(Ω)→ 5 (2) < 1 Ω ¹⁾ > 20 kΩ ²⁾	
	16 —(1) ←(Ω)→ 4 (1) > 20 kΩ ¹⁾ < 1 Ω ²⁾		7 —(2) ←(Ω)→ 4 (2) > 20 kΩ ¹⁾ < 1 Ω ²⁾	

1) Value with seat belt retracted.

2) Value with seat belt extended.

Electrical Test Program – Test

Designation	Connection to SBE control module (N42), connector 1	Nominal value	Connection to SBE control module (N42), connector 1 or 2	Nominal value
Extender arm “extended” switch	Left switch (A10s2) 16 —(— ← ⊖ ⊕ →)— 6 > 20 kΩ (1) (1)		Right door switch (A11s2) 7 —(— ← ⊖ ⊕ →)— 6 > 20 kΩ (2) (2)	
Force limit switch	Left switch (A10s3) 16 —(— ← ⊖ ⊕ →)— 3 > 20 kΩ (1) (1)		Right switch (A11s3) 7 —(— ← ⊖ ⊕ →)— 3 > 20 kΩ (2) (2)	