



Overview



Technical specifications		Unit	1	1	1	1	2	2	2	2	2	2
LSA-PLUS series ...			1	1	1	1	2	2	2	2	2	2
Product			Connection module 1/10	Connection module 1/20	Earth module	Earth module	Connection module 2/10	Disconnection module 2/10	Switching module 2/10	Earth module 2/38	Connection module 2/8	Disconnection module 2/8
Order number group			6196 1 001	6196 1 002	6196 2 003-01	6196 2 004-01	6089 1 002-...	6089 1 002-...	6089 2 089-...	6089 2 017-...	6036 1 002-...	6036 1 102-...
Products/Order Data catalogue		Page:	5.8 - 66	5.8 - 66	5.8 - 67	5.8 - 67	5.1 - 2	5.2 - 4	5.3 - 6	5.1 - 3	5.1 - 2	5.2 - 5
Mechanical data												
W x H x D, approx.		mm	105 x 26 x 21.5	178 x 26 x 25.5	178 x 26 x 25.5	124 x 22.5 x 31	124 x 22.5 x 31	124 x 22.5 x 31	124 x 22.5 x 31	124 x 22.5 x 31	104 x 22.5 x 31	104 x 22.5 x 31
Electrical values												
Insulation resistance		GOhm	50	50	50	50	50	50	50	50	50	50
Contact resistance		mOhm	1	1	1	1	1	1	1	1	1	1
Safety classification 6*)												
Electrical strength / impulse strength		kV / kV 8/20	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6
Operating voltage for basic insulation (B/S) 4*)		VDC / V _{rms}	210 = / 150	210 = / 150	-	-	210 = / 150	210 = / 150	210 = / 150	-	210 = / 150	210 = / 150
Pollution severity / Insulant			II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I
Transient overvoltage for B/S insulation		kV	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Current carrying capacity / impulse current carrying capacity 1*)		A/kA 8/20μs	2 / 10	2 / 10	2 / 10	2 / 10	2 / 10	2 / 5	2 / 5	2 / 10	2 / 10	2 / 5
Installation DIN 47608, DIN 47614 (VKA-VKU, KVK) 2*)			yes	yes	yes	yes	with adapter 6748 1 301-00	with adapter 6748 1 301-00	with adapter 6748 1 301-00	with adapter 6748 1 301-00	-	-
Flange			yes	yes	yes	-	-	-	-	-	-	-
Back-mount frame, 8 pairs			-	-	-	-	-	-	-	-	yes	yes
Back-mount frame, 10 pairs			-	-	-	-	yes	yes	yes	yes	-	-
75mm profil system			-	-	-	-	-	-	-	-	-	-
95mm profil system			-	-	-	-	-	-	-	-	-	-
19" subrack			-	-	-	-	-	-	-	-	-	-
Printed circuit boards			-	-	-	-	-	-	-	-	-	-
Number of channels (pairs, abs (abs is the abbreviation for "a" wire, "b" wire and screen), 4-pair, 8-pair)			10 pairs	20 pairs	-	-	10 pairs	10 pairs	10 four-wire channels	-	8 pairs	8 pairs
Number of poles			20	40	44	84	20	20	40	38	16	16
Function (disconnection contact, connection contact, switching contact)			connection contact	connection contact	earth contact	earth contact	connection contact	disconnection contact	switching contact	earth contact	connection contact	disconnection contact
Colour 3*)			grey	grey	red	red	grey	white	brown	red	grey	white
Connectable wires												
Conductor diameter / overall diameter												
1 wire/contact – single-wire conductors		mm	0.4...0.8/0.7...1.6	0.4...0.8/0.7...1.6	0.4...0.8/0.7...1.6	0.4...0.8/0.7...1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6
		AWG	26...20	26...20	26...20	26...20						
Stranded wire, design			7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7x0.12...7x0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn
2 wires/contact – single-wire conductors			0.4...0.5	0.4...0.5	-	-	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65
Accessories												
Overvoltage protection can be installed			no	no	no	no	yes	yes	yes	-	yes	yes
Labels			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Test and connection cords			yes	yes	no	no	yes	yes	yes	yes	yes	yes
Properties												
Connection frequency			50	50	50	50	200	200	200	200	200	200
Plug-in cycles			750	750	-	-	750	750	750	-	750	750
Temperature – storage		°C	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90
Temperature – operation		°C	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80
Materials												
Enclosure material			PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT
Flammability		UL 94	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0
Transmission system												
Category according to EN 50173		CAT	3	3	-	-	3	3	3	-	3	3

1*) When connecting wires of ≤ 0.6mm: 5kA, 8/20μs. 2*) Fixing dimensions 98mm and 170mm, resp. 3*) This colour specified refers to the colour visible on the component when installed. Individual parts (e.g. bottom parts of modules) may have a different colour. 4*) Value for two neighbouring contacts. 5*) Values for safety classification only relating to the PCM module (without circuit board). 6*) For secondary circuits according to DIN EN 60950.



Overview

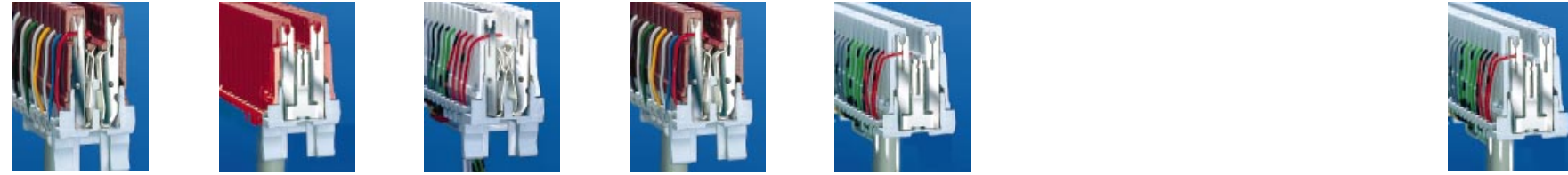


										Unit	Technical specifications	
2	2	2	2	2 - profile	2 - profile	2 - profile	2 - profile	2 - profile	2 - profile		LSA-PLUS series ...	
Switching module 2/8	Earth module 2/30	Disconnection module 2/6x3	Switching module 2/6x3	Connection module 2/10	Disconnection module 2/10	Disconnection module 2/8-95	Switching module 2/10	Earth module 2/34	Connection module 2/8		Product	
6036 1 006-...	6036 2 006-...	6504 2 002-...	6504 1 006-...	6089 1 120-...	6089 1 121-...	6089 1 128-...	6089 1 126-...	6089 2 108-...	6036 1 004-...		Order number group	
5.3 - 6	5.1 - 3	5.2 - 5	5.3 - 6	5.4 - 8	5.5 - 10	5.5 - 10	5.6 - 12	5.4 - 9	5.4 - 8	page:	Products/Order Data catalogue	
											Mechanical data	
104 x 22.5 x 31	104 x 22.5 x 31	124 x 22.5 x 31	124 x 22.5 x 31	124 x 22.5 x 41	124 x 22.5 x 41	124 x 22.5 x 41	124 x 22.5 x 41	124 x 22.5 x 41	104 x 22.5 x 41	mm	W x H x D, approx.	
											Electrical values	
50	50	50	50	50	50	50	50	50	50	GOhm	Insulation resistance	
1	1	1	1	1	1	1	1	1	1	mOhm	Contact resistance	
											Safety classification 6*)	
2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	kV / kV 8/20	Electrical strength / impulse strength	
210 = / 150	-	210 = / 150	210 = / 150	210 = / 150	210 = / 150	210 = / 150	210 = / 150	-	210 = / 150	VDC / Vrms	Operating voltage for basic insulation (B/S) *4)	
II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I		Pollution severity / insulant	
2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	kV	Transient overvoltage for B/S insulation	
2 / 5	2 / 10	2 / 5	2 / 5	2 / 10	2 / 10	2 / 5	2 / 5	2 / 10	2 / 10	A/kA 8/20µs	Current carrying capacity / impulse current carrying capacity 1*)	
-	-	Adapter 6748 1 301-00	Adapter 6748 1 301-00	-	-	-	-	-	-		Installation DIN 47608, DIN 47614 (VKA-VKU, KVK) 2*)	
-	-	-	-	-	-	-	-	-	-		Flange	
yes	yes	-	-	-	-	-	-	-	yes		Back-mount frame, 8 pairs	
-	-	yes	yes	yes	yes	yes	yes	yes	-		Back-mount frame, 10 pairs	
-	-	-	-	-	-	-	-	-	yes		75mm profil system	
-	-	-	-	yes	yes	yes	yes	yes	-		95mm profil system	
-	-	-	-	yes, 6089 1 120-23	yes, 6089 1 121-30	yes, 6089 1 128-00	yes, 6089 1 126-02	yes, 6089 2 108-00	-		19" subrack	
-	-	-	-	-	-	-	-	-	-		Printed circuit boards	
8 four-wire channels	-	6x abs	6/12x abs	10 pairs	10 pairs	8 pairs	10 four-wire channels	-	8 pairs		Number of channels (pairs, abs (abs is the abbreviation for "a" wire, "b" wire and screen), 4-pair, 8-pair)	
32	30	18	36	20	20	16	40	34	16		Number of poles	
switching contact	earth contact	disconnection contact	switching contact	connection contact	disconnection contact	disconnection contact	switching contact	earth contact	connection contact		Function (disconnection contact, connection contact, switching contact)	
brown	red	white	brown	grey	white	white	brown	red	grey		Colour 3*)	
											Connectable wires	
											Conductor diameter / overall diameter	
0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.4...0.8/0.7...1.6	0.4...0.8/0.7...1.6	0.4...0.8/0.7...1.6	0.4...0.8/0.7...1.6	mm	1 wire/contact – single-wire conductors	
						26...20	26...20	26...20	26...20	AWG		
7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn		Stranded wire, design	
0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.5	0.4...0.5	-	-		2 wires/contact – single-wire conductors	
											Accessoires	
yes	-	-	-	yes	yes	yes	yes	-	yes		Overvoltage protection can be installed	
yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		Labels	
yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		Test and connection cords	
											Properties	
200	200	200	200	200	200	200	200	200	200		Connection frequency	
750	-	750	750	750	750	750	750	-	750		Plug-in cycles	
-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	°C	Temperature – storage	
-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	°C	Temperature – operation	
											Materials	
PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT		Enclosure material	
V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	UL 94	Flammability	
											Transmission system	
3	-	5	5	3	3	3	3	-	3	CAT	Category according to EN 50173	

1*) When connecting wires of ≤ 0.6mm: 5kA 8/20µs. 2*) Fixing dimensions 96mm and 179mm, resp. 3*) This colour specified refers to the colour visible on the component when installed. Individual parts (e.g. bottom parts of modules) may have a different colour. 4*) Value for two neighbouring contacts. 5*) Values for safety classification only relating to the PCM module (without circuit board). 6*) For secondary circuits according to DIN EN 60950.



Overview



Technical specifications		Unit	2 - profile	2 - profile	2 - profile	2 - profile	2 - profile	2 - PCB	2 - PCB	2 - PCB	2 - PCB	2 - PCB
LSA-PLUS series ...			2 - profile	2 - profile	2 - profile	2 - profile	2 - profile	2 - PCB	2 - PCB	2 - PCB	2 - PCB	2 - PCB
Product			Connection module 2/8	Switching module 2/8	Earth module 2/30	Disconnection module 2/6x3	Switching module 2/6x3	Connection module 2/10	Disconnection module 2/10	Switching module 2/10	Connection module 2/8	Disconnection module 2/8
Order number group			6036 1 102-..	6036 1 006-..	6036 2 121-..	6504 2 002-..	6504 1 006-..	6728 1 003-..	6728 1 004-..	6728 1 005-..	6693 1 003-..	6693 1 004-..
Products/Order Data catalogue		page:	5.4 - 8	5.6 - 12	5.4 - 9	5.5 - 11	5.6 - 12	5.11 - 80	5.11 - 81	5.11 - 82	5.11 - 82	5.11 - 83
Mechanical data												
W x H x D, approx.		mm	104 x 22.5 x 41	104 x 22.5 x 41	104 x 22.5 x 41	124 x 22.5 x 41	124 x 22.5 x 41	124 x 19.6 x 30.4	124 x 19.6 x 30.4	124 x 19.6 x 30.4	105 x 19.6 x 30.4	105 x 19.6 x 30.4
Electrical values												
Insulation resistance		GOhm	50	50	50	50	50	50	50	50	50	50
Contact resistance		mOhm	1	1	1	1	1	1	1	1	1	1
Safety classification 6*)												
Electrical strength / impulse strength		kV / kV 8/20	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6 *5)	2 / 3.6 *5)	2 / 3.6 *5)	2 / 3.6 *5)	2 / 3.6 *5)
Operating voltage for basic insulation (B/S) *4)		VDC / Vrms	210 = / 150	210 = / 150	-	210 = / 150	210 = / 150	210 = / 150	210 = / 150	210 = / 150	210 = / 150	210 = / 150
Pollution severity / insulant			II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I
Transient overvoltages for B/S insulation		kV	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Current carrying capacity / impulse current carrying capacity 1*)		A/kA 8/20µs	2 / 5	2 / 5	2 / 10	2 / 5	2 / 5	2 / 10	2 / 5	2 / 5	2 / 10	2 / 5
Installation DIN 47608, DIN 47614 (VKA-VKU, KVK) 2*)			-	-	-	with adapter 6748 1 301-00	with adapter 6748 1 301-00	with adapter 6748 1 301-00	with adapter 6748 1 301-00	with adapter 6748 1 301-00	-	-
Flange			-	-	-	-	-	-	-	-	-	-
Back-mount frame, 8 pairs			yes	yes	yes	-	-	-	-	-	yes	yes
Back-mount frame, 10 pairs			-	-	-	yes	yes	yes	yes	yes	-	-
75mm profil system			yes	yes	yes	-	-	-	-	-	-	-
95mm profil system			-	-	-	yes	yes	-	-	-	-	-
19" subrack			-	-	-	-	-	-	-	-	-	-
Printed circuit boards			-	-	-	-	-	yes	yes	yes	yes	yes
Number of channels (pairs, abs (abs is the abbreviation for "a" wire, "b" wire and screen, 4-pair, 8-pair)			8 pairs	8 four-wire channels	-	6x abs	6/12x abs	10 pairs	10 pairs	10 four-wire channels	8 pairs	8 pairs
Number of poles			16	32	30	18	36	20	20	40	16	16
Function (disconnection contact, connection contact, switching contact)			disconnection contact	switching contact	earth contact	disconnection contact	switching contact	connection contact	disconnection contact	switching contact	connection contact	disconnection contact
Colour 3*)			white	brown	red	white	brown	grey	white	brown	grey	white
Connectable wires												
Conductor diameter / overall diameter												
1 wire/contact – single-wire conductors		mm	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6	0.35/0.68...0.9/1.6
		AWG										
Stranded wire, design			7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn
2 wires/contact – single-wire conductors			0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65	0.4...0.65
Accessories												
Overvoltage protection can be installed			yes	yes	-	-	-	yes	yes	yes	yes	yes
Labels			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Test and connection cords			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Properties												
Connection frequency			200	200	200	200	200	200	200	200	200	50
Plug-in cycles			750	750	-	750	750	750	750	750	750	-
Temperature – storage		°C	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90
Temperature – operation		°C	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80
Materials												
Enclosure material			PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT
Flammability		UL 94	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0
Transmission system												
Category according to EN 50173		CAT	3	3	-	5	5	3	3	3	3	3

1*) When connecting wires of ≤ 0.6mm: 5kA, 8/20µs. 2*) Fixing dimensions 96mm and 170mm, resp. 3*) This colour specified refers to the colour visible on the component when installed. Individual parts (e.g. bottom parts of modules) may have a different colour. 4*) Value for two neighbouring contacts. 5*) Values for safety classification only relating to the PCM module (without circuit board). 6*) For secondary circuits according to DIN EN 60950.



Overview



								Unit	Technical specifications
2 - PCB	4 - PCB	4 - PCB	7	8	9	10	Highband		LSA-PLUS series ...
Switching module 2/8	Connection module	Connection module	Connection module 7/10 – Disconnection module 7/10	Connection module 8/10	Plugging module 9/16	Connection module 10/10	Highband 10		Product
6693 1 005-..	6048 1 007-..	6048 1 001-..	6698 1 002-..	6612 1 002-..	6623 2 001-..	6730 1 001-..	6468 2 061-..		Order number group
5.11 - 84	5.11 - 77	5.11 - 76	5.7 - 46	5.8 - 68	5.12 - 86	5.14 - 95	4.2 - 21	page:	Products/Order Data catalogue
									Mechanical data
105 x 19.6 x 30.4	.. x 7.75 x 10.5	.. x 7.75 x 10.5	132 x 17 x 40	179 x 51 x 34.5		110 x 30.5 x 12/17		mm	W x H x D, approx.
									Electrical values
50	≥5 x 10 ⁴ MΩ	≥5 x 10 ⁴ MΩ	50	50	50	50	50	GOhm	Insulation resistance
1	1	1	1	1	1	1	1	mOhm	Contact resistance
									Safety classification 6*)
2 / 3.6 *5)	2 / 3.6 *5)	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	2 / 3.6	kV / kV 8/20	Electrical strength / impulse strength
210 = / 150	0 = / 150	120 = / TNV 7*)	120 = / TNV 7*)	120 = / TNV 7*)	120 = / TNV 7*)	210 = / 150	120 = / TNV 7*)	VDC / V _{rms}	Operating voltage for basic insulation (B/S) *4)
II / I	II / I	II / I	II / I	II / I	II / I	II / I	II / I		Pollution severity / insulant
2.5	2.5	1.5	2.5 / 1.5	2.5	2.5	2.5	2.5	kV	Transient overvoltages for B/S insulation
2 / 5	2 / 5	2 / 5	2 / 10	2 / 10	2 / 5	2 / 10	2 / 5	A/kA 8/20μs	Current carrying capacity / impulse current carrying capacity 1*)
-	-	-	-	yes	-	-	-		Installation DIN 47608, DIN 47614 (VKA-VKU, KVK) 2*)
-	-	-	yes	yes	-	-	-		Flange
yes	-	-	-	-	-	-	-		Back-mount frame, 8 pairs
-	-	-	-	-	-	-	yes		Back-mount frame, 10 pairs
-	-	-	-	-	-	yes	-		75mm profil system
-	-	-	yes	-	-	-	yes		95mm profil system
-	-	-	-	-	-	-	yes		19" subrack
yes	yes	yes	-	-	yes	-	-		Printed circuit boards
8 four-wire channels			10 pairs	10 pairs	8 pairs	10 pairs	10 pairs		Number of channels (pairs, abs (abs is the abbreviation for "a" wire, "b" wire and screen, 4-pair, 8-pair)
32	2, 4, 6, 8, 9	3 or 4	20	20	16	20	20		Number of poles
switching module	connection contact	connection contact	connection/disconnection contact	connection contact	connection contact	connection contact	disconnection contact		Function (disconnection contact, connection contact, switching contact)
brown	white	white	grey/white	grey	grey	grey	white		Colour 3*)
									Connectable wires
									Conductor diameter / overall diameter
0.35/0.68...0.9/1.6	0.5/0.68...0.65/1.6	0.4/0.7...0.65/1.6	0.4/0.7...0.8/1.6	0.35/0.68...0.8/1.6	0.4/0.7...0.8/1.65	0.4...0.65	0.4/0.7...0.65/1.6	mm	1 wire/contact – single-wire conductors
							26...22	AWG	
7 x 0.12...7 x 0.32 CuSn			7x0.12...7x0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7 x 0.12...7 x 0.32 CuSn	7x0.12...7x0.32 CuSn – Stranded wire to d=1.85	on request		Stranded wire, design
0.4...0.65			0.4...065	0.4...0.65	0.4...0.65	0.4...0.65	on request		2 wires/contact – single-wire conductors
									Accessories
yes	-	-	yes	yes	-	-	-		Overvoltage protection can be installed
yes	-	-	yes	-	-	-	yes		Labels
yes	-	-	yes	Test adapter	-	-	yes		Test and connection cords
									Properties
50	200	200	200	200	200	50	>200		Connection frequency
-	-	-	-	-	-	-	>750		Plug-in cycles
-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	-40...+90	°C	Temperature – storage
-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	°C	Temperature – operation
									Materials
PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT		Enclosure material
V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	UL 94	Flammability
									Transmission system
3	5	5	3	3	3	5	5+	CAT	Category according to EN 50173

1*) When connecting wires of ≤ 0.6mm: 5kA, 7/20μs. 2*) Fixing dimensions 96mm and 170mm, resp. 3*) The colour specified refers to the colour visible on the component when installed. Individual parts (e.g. bottom parts of modules) may have a different colour. 4*) Value for two neighbouring contacts. 5*) Values for safety classification only relating to the PCM module (without circuit board). 6*) For secondary circuits according to DIN EN 60950. 7*) TNV: Telephone Network Voltage