

Data Sheet | Item Number: 706-2500/307-100
System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm²
<https://www.wago.com/706-2500/307-100>



Similar to illustration



Similar to illustration



Similar to illustration

Color coding for 16-pin (16 x 1) D-sub		20-pin (20 x 1) D-sub		24-pin (24 x 1) D-sub	
Pin	Wire	Pin	Wire	Pin	Wire
1	White	1	White	1	White
2	Brown	2	Brown	2	Brown
3	Green	3	Green	3	Green
4	Yellow	4	Yellow	4	Yellow
5	Blue	5	Blue	5	Blue
6	Pink	6	Pink	6	Pink
7	Black	7	Black	7	Black
8	Grey	8	Grey	8	Grey
9	White	9	White	9	White
10	Brown	10	Brown	10	Brown
11	Green	11	Green	11	Green
12	Yellow	12	Yellow	12	Yellow
13	Blue	13	Blue	13	Blue
14	Pink	14	Pink	14	Pink
15	Black	15	Black	15	Black
16	Grey	16	Grey	16	Grey
17	White	17	White	17	White
18	Brown	18	Brown	18	Brown
19	Green	19	Green	19	Green
20	Yellow	20	Yellow	20	Yellow
21	Blue	21	Blue	21	Blue
22	Pink	22	Pink	22	Pink
23	Black	23	Black	23	Black
24	Grey	24	Grey	24	Grey
25	White	25	White	25	White
26	Brown	26	Brown	26	Brown
27	Green	27	Green	27	Green
28	Yellow	28	Yellow	28	Yellow
29	Blue	29	Blue	29	Blue
30	Pink	30	Pink	30	Pink
31	Black	31	Black	31	Black
32	Grey	32	Grey	32	Grey
33	White	33	White	33	White
34	Brown	34	Brown	34	Brown
35	Green	35	Green	35	Green
36	Yellow	36	Yellow	36	Yellow
37	Blue	37	Blue	37	Blue
38	Pink	38	Pink	38	Pink
39	Black	39	Black	39	Black
40	Grey	40	Grey	40	Grey
41	White	41	White	41	White
42	Brown	42	Brown	42	Brown
43	Green	43	Green	43	Green
44	Yellow	44	Yellow	44	Yellow
45	Blue	45	Blue	45	Blue
46	Pink	46	Pink	46	Pink
47	Black	47	Black	47	Black
48	Grey	48	Grey	48	Grey
49	White	49	White	49	White
50	Brown	50	Brown	50	Brown
51	Green	51	Green	51	Green
52	Yellow	52	Yellow	52	Yellow
53	Blue	53	Blue	53	Blue
54	Pink	54	Pink	54	Pink
55	Black	55	Black	55	Black
56	Grey	56	Grey	56	Grey
57	White	57	White	57	White
58	Brown	58	Brown	58	Brown
59	Green	59	Green	59	Green
60	Yellow	60	Yellow	60	Yellow
61	Blue	61	Blue	61	Blue
62	Pink	62	Pink	62	Pink
63	Black	63	Black	63	Black
64	Grey	64	Grey	64	Grey
65	White	65	White	65	White
66	Brown	66	Brown	66	Brown
67	Green	67	Green	67	Green
68	Yellow	68	Yellow	68	Yellow
69	Blue	69	Blue	69	Blue
70	Pink	70	Pink	70	Pink
71	Black	71	Black	71	Black
72	Grey	72	Grey	72	Grey
73	White	73	White	73	White
74	Brown	74	Brown	74	Brown
75	Green	75	Green	75	Green
76	Yellow	76	Yellow	76	Yellow
77	Blue	77	Blue	77	Blue
78	Pink	78	Pink	78	Pink
79	Black	79	Black	79	Black
80	Grey	80	Grey	80	Grey
81	White	81	White	81	White
82	Brown	82	Brown	82	Brown
83	Green	83	Green	83	Green
84	Yellow	84	Yellow	84	Yellow
85	Blue	85	Blue	85	Blue
86	Pink	86	Pink	86	Pink
87	Black	87	Black	87	Black
88	Grey	88	Grey	88	Grey
89	White	89	White	89	White
90	Brown	90	Brown	90	Brown
91	Green	91	Green	91	Green
92	Yellow	92	Yellow	92	Yellow
93	Blue	93	Blue	93	Blue
94	Pink	94	Pink	94	Pink
95	Black	95	Black	95	Black
96	Grey	96	Grey	96	Grey
97	White	97	White	97	White
98	Brown	98	Brown	98	Brown
99	Green	99	Green	99	Green
100	Yellow	100	Yellow	100	Yellow
101	Blue	101	Blue	101	Blue
102	Pink	102	Pink	102	Pink
103	Black	103	Black	103	Black
104	Grey	104	Grey	104	Grey
105	White	105	White	105	White
106	Brown	106	Brown	106	Brown
107	Green	107	Green	107	Green
108	Yellow	108	Yellow	108	Yellow
109	Blue	109	Blue	109	Blue
110	Pink	110	Pink	110	Pink
111	Black	111	Black	111	Black
112	Grey	112	Grey	112	Grey
113	White	113	White	113	White
114	Brown	114	Brown	114	Brown
115	Green	115	Green	115	Green
116	Yellow	116	Yellow	116	Yellow
117	Blue	117	Blue	117	Blue
118	Pink	118	Pink	118	Pink
119	Black	119	Black	119	Black
120	Grey	120	Grey	120	Grey
121	White	121	White	121	White
122	Brown	122	Brown	122	Brown
123	Green	123	Green	123	Green
124	Yellow	124	Yellow	124	Yellow
125	Blue	125	Blue	125	Blue
126	Pink	126	Pink	126	Pink
127	Black	127	Black	127	Black
128	Grey	128	Grey	128	Grey
129	White	129	White	129	White
130	Brown	130	Brown	130	Brown
131	Green	131	Green	131	Green
132	Yellow	132	Yellow	132	Yellow
133	Blue	133	Blue	133	Blue
134	Pink	134	Pink	134	Pink
135	Black	135	Black	135	Black
136	Grey	136	Grey	136	Grey
137	White	137	White	137	White
138	Brown	138	Brown	138	Brown
139	Green	139	Green	139	Green
140	Yellow	140	Yellow	140	Yellow
141	Blue	141	Blue	141	Blue
142	Pink	142	Pink	142	Pink
143	Black	143	Black	143	Black
144	Grey	144	Grey	144	Grey
145	White	145	White	145	White
146	Brown	146	Brown	146	Brown
147	Green	147	Green	147	Green
148	Yellow	148	Yellow	148	Yellow
149	Blue	149	Blue	149	Blue
150	Pink	150	Pink	150	Pink
151	Black	151	Black	151	Black
152	Grey	152	Grey	152	Grey
153	White	153	White	153	White
154	Brown	154	Brown	154	Brown
155	Green	155	Green	155	Green
156	Yellow	156	Yellow	156	Yellow
157	Blue	157	Blue	157	Blue
158	Pink	158	Pink	158	Pink
159	Black	159	Black	159	Black
160	Grey	160	Grey	160	Grey
161	White	161	White	161	White
162	Brown	162	Brown	162	Brown
163	Green	163	Green	163	Green
164	Yellow	164	Yellow	164	Yellow
165	Blue	165	Blue	165	Blue
166	Pink	166	Pink	166	Pink
167	Black	167	Black	167	Black
168	Grey	168	Grey	168	Grey
169	White	169	White	169	White
170	Brown	170	Brown	170	Brown
171	Green	171	Green	171	Green
172	Yellow	172	Yellow	172	Yellow
173	Blue	173	Blue	173	Blue
174	Pink	174	Pink	174	Pink
175	Black	175	Black	175	Black
176	Grey	176	Grey	176	Grey
177	White	177	White	177	White
178	Brown	178	Brown	178	Brown
179	Green	179	Green	179	Green
180	Yellow	180	Yellow	180	Yellow
181	Blue	181	Blue	181	Blue
182	Pink	182	Pink	182	Pink
183	Black	183	Black	183	Black
184	Grey	184	Grey	184	Grey
185	White	185	White	185	White
186	Brown	186	Brown	186	Brown
187	Green	187	Green	187	Green
188	Yellow	188	Yellow	188	Yellow
189	Blue	189	Blue	189	Blue
190	Pink	190	Pink	190	Pink
191	Black	191	Black	191	Black
192	Grey	192	Grey	192	Grey
193	White	193	White	193	White
194	Brown	194	Brown	194	Brown
195	Green	195	Green	195	Green
196	Yellow	196	Yellow	196	Yellow
197	Blue	197	Blue	197	Blue
198	Pink	198	Pink	198	Pink
199	Black	199	Black	199	Black
200	Grey	200	Grey	200	Grey
201	White	201	White	201	White
202	Brown	202	Brown	202	Brown
203	Green	203	Green	203	Green
204	Yellow	204	Yellow	204	Yellow
205	Blue	205	Blue	205	Blue
206	Pink	206	Pink	206	Pink
207	Black	207	Black	207	Black
208	Grey	208	Grey	208	Grey
209	White	209	White	209	White
210	Brown	210	Brown	210	Brown
211	Green	211	Green	211	Green
212	Yellow	212	Yellow	212	Yellow
213	Blue	213	Blue	213	Blue
214	Pink	214	Pink	214	Pink
215	Black	215	Black	215	Black
216	Grey	216	Grey	216	Grey
217	White	217	White	217	White
218	Brown	218	Brown	218	Brown
219	Green	219	Green	219	Green
220	Yellow	220	Yellow	220	Yellow
221	Blue	221	Blue	221	Blue
222	Pink	222	Pink	222	Pink
223	Black	223	Black	223	Black
224	Grey	224	Grey	224	Grey
225	White	225	White	225	White
226	Brown	226	Brown	226	Brown
227	Green	227	Green	227	Green
228	Yellow	228	Yellow	228	Yellow
229	Blue	229	Blue	229	Blue
230	Pink	230	Pink	230	Pink
231	Black	231	Black	231	Black
232	Grey	232	Grey	232	Grey
233	White	233	White	233	White
234	Brown	234	Brown	234	Brown
235	Green	235	Green	235	Green
236	Yellow	236	Yellow	236	Yellow
237	Blue	237	Blue	237	Blue
238	Pink	238	Pink	238	Pink
239	Black	239	Black	239	Black
240	Grey	240	Grey	240	Grey
241	White	241	White	241	White
242	Brown	242	Brown	242	Brown
243	Green	243	Green	243	Green
244	Yellow	244	Yellow	244	Yellow
245	Blue	245	Blue	245	Blue
246	Pink	246	Pink	246	Pink
247	Black	247	Black	247	Black
248	Grey	248	Grey	248	Grey
249	White	249	White	249	White
250	Brown	250	Brown	250	Brown
251	Green	251	Green	251	Green
252	Yellow	252	Yellow	252	Yellow
253	Blue	253	Blue	253	Blue
254	Pink	254	Pink	254	Pink
255	Black	255	Black	255	Black
256	Grey	256	Grey	256	Grey
257	White	257	White	257	White
258	Brown	258	Brown	258	Brown
259	Green	259	Green	259	Green
260	Yellow	260	Yellow	260	Yellow
261	Blue	261	Blue	261	Blue
262	Pink	262	Pink	262	Pink



Connection Data

Cable type	LiYY	Connection 1	
Color code	per DIN VDE 47100	Pluggable connector	Pluggable connector per DIN 41651; female connector
		Pole number 1	20
		Connection type	System
		Wire cross-section	0.14 mm ²

Connection 2	
Connector	Pluggable connector per DIN 41651; female connector
Pole number	20
Connection type	System
Wire cross-section	0.14 mm ²

Connection 3	
Connector	Pluggable connector per DIN 41651; female connector
Pole number	40
Connection type	System
Wire cross-section	0.14 mm ²

Physical data

Cable length	1 m
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Material data

Weight	195 g
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Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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Commercial data

PU (SPU)	1 pcs
Packaging type	Bag
GTIN	4066966690934
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search		
Environmental Product Compliance		↓
706-2500/307-100		

Documentation

System Description		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	↓