



CC-Schleppflex® PVC-C-594 *SmartLine*

高柔性控制拖链电缆，屏蔽

ConCab kabel gmbh

ConCab kabel Mainhardt Schleppflex® 594 18G0,75 E 172073 © 2018 US STYLE 2570 1.000V 80° C CE



应用领域

CC-Schleppflex® PVC-C-594 *SmartLine*, 屏蔽, PVC 外护套, 作为控制电缆, 用于拖链系统中。工业自动化不断发展的要求以及对于更经济的要求, 需要电缆能承受低至中等机械应力。CC- Schleppflex® PVC-C-594 通过其设计满足了这一要求, 归功于其研发以实际应用为着眼点。整体铜屏蔽确保了数据的准确传输并且保护电缆免受电磁干扰和影响。CC-Schleppflex® PVC-C-594 特殊构造和混合 PVC 材料使电缆拥有持久的工作寿命。可以用于潮湿的环境, 但不能用于室外。

application

CC-Schleppflex® PVC-C-594 *SmartLine* has been developed as a control cable for use in power supply chains. The increasing demand also towards economy in industrial automation requires cables for light to medium mechanical stresses. CC-Schleppflex® PVC-C-594 with its compact design meets this requirement due to its praxis-oriented development. The overall copper shield ensures exact data transmission and protects the cable against electromagnetic disturbances and influences. A long service life is achieved by the special structure and compounds of the CC-Schleppflex® PVC-C-594 control cable. It can be used in damp and wet areas but not outdoors.

构造

裸铜丝精绞, PVC 芯线绝缘, 芯线黑色带连续白色数字编号。电缆 3 芯及以上带绿 / 黄保护接地线。芯线绞合成缆, 绞合节距短。镀锡铜丝屏蔽。PVC 外护套, 低粘性。外护套颜色灰色 (RAL 7001)。

construction

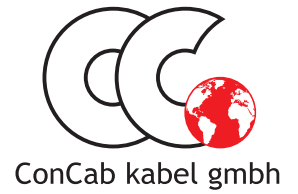
Fine strands of bare copper wire, PVC-based core insulation, cores are black with consecutive white numbering. Cables with 3 cores or more contain a greenyellow protective conductor in the outer layer. Cores twisted in layers in short lay lengths. Tinned copper shield. PVC outer sheath, low adhesive. Colour grey (RAL 7001).

技术数据 / technical data

额定电压 / rated voltage:	DIN VDE/IEC 300/500 V UL/CSA 1000V
测试电压 / test voltage:	4000 V
导体绞合方式 / conductor stranding:	细铜丝精绞 / fine copper strands, 符合 / acc. to DIN VDE 0295, 5 类标准 / class 5
绝缘阻抗 / insulation resistance:	最小 20 MOhm x km
温度范围 / temperature range:	固定安装 / fixed installation: -40° C 至 /to +70° C (+80° C UL) 移动应用 / flexible application: 0° C 至 /to +70° C (+80° C UL)
弯曲半径 / bending radius:	固定安装 / fixed installation: 4 x d 外径 -Ø / outer-Ø 移动应用 / flexible application: 12 x d 外径 -Ø / outer-Ø
弯曲次数 / alternating bending cycles:	最大 1-2 百万次
移动行程 / traverse path:	最大 10 m
符合标准 / approvals:	符合 / acc. to DIN VDE 0285 525-2-51

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control cable, flexible, shielded



物料编码 part-no.	芯线数 / 导体截面积 no. of cores / cross-section	芯线数 / AWG no. of cores / AWG	铜重 copper weight kg/km	外径 outer-Ø d mm	电缆重量 weight kg/km
594 20 02	2 X 0,5	2 X AWG 20	36	5,8	45
594 20 03	3 G 0,5	3 X AWG 20	43	5,9	59
594 20 04	4 G 0,5	4 X AWG 20	49	6,3	83
594 20 05	5 G 0,5	5 X AWG 20	57	6,7	96
594 20 07	7 G 0,5	7 X AWG 20	69	7,7	136
594 20 12	12 G 0,5	12 X AWG 20	109	9,6	200
594 20 18	18 G 0,5	18 X AWG 20	161	10,9	275
594 20 25	25 G 0,5	25 X AWG 20	228	13,3	350
594 19 02	2 X 0,75	2 X AWG 19	43	6,0	56
594 19 03	3 G 0,75	3 X AWG 19	52	6,3	70
594 19 04	4 G 0,75	4 X AWG 19	61	6,8	95
594 19 05	5 G 0,75	5 X AWG 19	72	7,3	130
594 19 07	7 G 0,75	7 X AWG 19	89	8,6	168
594 19 12	12 G 0,75	12 X AWG 19	157	10,4	232
594 19 18	18 G 0,75	18 X AWG 19	238	12,1	315
594 19 25	25 G 0,75	25 X AWG 19	310	14,7	435
594 18 02	2 X 1,0	2 X AWG 18	51	6,5	84
594 18 03	3 G 1,0	3 X AWG 18	62	6,7	110
594 18 04	4 G 1,0	4 X AWG 18	74	7,3	130
594 18 05	5 G 1,0	5 X AWG 18	88	7,9	156
594 18 07	7 G 1,0	7 X AWG 18	112	9,8	192
594 18 12	12 G 1,0	12 X AWG 18	189	11,4	285
594 18 18	18 G 1,0	18 X AWG 18	268	14,0	395
594 18 25	25 G 1,0	25 X AWG 18	354	16,7	486
594 16 02	2 X 1,5	2 X AWG 16	65	7,4	97
594 16 03	3 G 1,5	3 X AWG 16	82	7,8	125
594 16 04	4 G 1,5	4 X AWG 16	100	8,5	165
594 16 05	5 G 1,5	5 X AWG 16	119	9,8	193
594 16 07	7 G 1,5	7 X AWG 16	154	10,8	245
594 16 12	12 G 1,5	12 X AWG 16	268	13,3	365
594 16 18	18 G 1,5	18 X AWG 16	373	15,8	553
594 16 25	25 G 1,5	25 X AWG 16	530	19,6	734
594 14 03	3 G 2,5	3 X AWG 14	118	9,2	188
594 14 04	4 G 2,5	4 X AWG 14	147	10,0	236
594 14 07	7 G 2,5	7 X AWG 14	253	12,9	340
594 12 04	4 G 4,0	4 X AWG 12	248	11,8	305

„X“ 芯线绝缘 黑色, core insulation black
 „G“ 芯线绝缘 绿黄, core insulation greenyellow