

Flexible Control Cables

CRX 600 C

Oil & chemical resistant 105°C flexible shielded control cable



A
24

Marking for CRX 600 C 32140315:

SAB BRÖCKSKES · D-VIERSEN · CRX 600 C AWM Style 21237 105°C 600V cUL AWM I/II A/B 105°C Oil 60°C 1000V FT1 FT2 CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	TPE
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers
Wrapping:	non-woven tape
Shielding:	tinned copper braiding
Jacket material:	TPE
Jacket color:	gray (RAL 7000)

Outstanding features:

- general purpose flexing applications requiring UL and cUL recognition
- extra chemical resistant
- oil resistant

Technical data:

Nominal voltage:	Uo/U 300/500 V	
Voltage:	UL 600 V	cUL 1000 V
Testing voltage:	conductor/conductor: 2000 V conductor/shielding: 2000V	
Min. bending radius:	fixed installation: 4 x O.D. free movement: 6 x O.D.	
Temperature range:	UL-AWM + cUL-AWM: up to +105°C DIN VDE static: -30/+90°C flexible: -20/+90°C	
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, cUL FT1, FT2	
Oil resistance:	Oil 60°C	
Approvals:	UL AWM, cRU AWM, CE, EAC, RoHS	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30	

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 20 AWG (≈ 16/32) ▪ 0.50 mm²				
32142002	2	0.232	5.9	28
32142003	3	0.244	6.2	34
32142004	4	0.260	6.6	40
32142005	5	0.283	7.2	48
32142007	7	0.307	7.8	60
32142012	12	0.394	10.0	95
32142015	15	0.453	11.5	128
32142025	25	0.579	14.7	205
▶ 18 AWG (≈ 30/32) ▪ 1.00 mm²				
32141802	2	0.260	6.6	36
32141803	3	0.276	7.0	46
32141804	4	0.295	7.5	56
32141805	5	0.323	8.2	68
32141807	7	0.354	9.0	87
32141809	9	0.445	11.3	126
32141812	12	0.476	12.1	151
32141815	15	0.531	13.5	186
32141818	18	0.563	14.3	223
32141825	25	0.677	17.2	303
32141850	50	0.898	22.8	550

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
32141602	2	0.283	7.2	45
32141603	3	0.299	7.6	58
32141604	4	0.327	8.3	71
32141605	5	0.362	9.2	88
32141607	7	0.390	9.9	111
32141612	12	0.531	13.5	196
32141615	15	0.602	15.3	257
32141618	18	0.638	16.2	295
32141625	25	0.764	19.4	404
32141650	50	1.012	25.7	745
▶ 14 AWG (≈ 46/30) ▪ 2.50 mm²				
32141403	3	0.358	9.1	85
32141404	4	0.386	9.8	105
32141405	5	0.437	11.1	138
32141407	7	0.480	12.2	179
32141412	12	0.650	16.5	308
32141418	18	0.764	19.4	443
32141425	25	0.925	23.5	601

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 12 AWG (≈ 52/28) ▪ 4.00 mm²				
32141203	3	0.421	10.7	128
32141204	4	0.465	11.8	164
32141205	5	0.508	12.9	198
32141207	7	0.567	14.4	268
▶ 10 AWG (≈ 78/28) ▪ 6.00 mm²				
32141003	3	0.488	12.4	178
32141004	4	0.539	13.7	226
32141005	5	0.606	15.4	294
▶ 8 AWG (≈ 69/26)				
32140804	4	0.807	20.5	450
▶ 6 AWG (≈ 110/26)				
32140604	4	0.882	22.4	609
▶ 4 AWG (≈ 175/26)				
32140404	4	1.083	27.5	943
▶ 2 AWG (≈ 272/26)				
32140204	4	1.236	31.4	1278
▶ 1 AWG (≈ 342/26)				
32140104	4	1.413	35.9	1754

Other dimensions and colors are available on request



**Extra
chemical resistance**

