

UNITRONIC® BUS FF-844 H1 C LSZH

FF-844 H1 installation cable with EMC and LSZH solution

i Info

- Certified with FOUNDATION FIELDBUS "FF- 844 H1"
- For TYPE A installation



Benefits

- Cables meet the requirements of ISA/ SP50 and the FOUNDATION™ field bus for the cable type A

Application range

- FF cables for operating temperature up to +90° C
- Fixed Installation
- Indoor / Outdoor
- Direct burial (Armoured version)
- Tray application (Steel Wire Braid versions)

Product features

- Flammability : According to IEC 60332-1
- LSZH Property
- Oxygen Index(Min.) : >29% as per ASTM D 2863
- Temp. Index (Min.) : >250 Deg C as per ASTM D 2863
- HCL gas emission (Max.): AS PER IEC 754-2; Smoke Density : Min. Visibility 80% as per ASTM D 2843

Norm references / Approvals

- IEC 61158-2
- FF 844
- BS EN 50288-7

Product Make-up

- Conductor : ATC of Class II
- Core Insulation : XLPE
- Individual and Overall Screening : AL-MYLAR tape
- Inner Sheath : LSZH, colour orange
- Mechanical Protection : SSA-Steel strip armour / SWA-Steel wire armour / SY-Steel Braid
- Outer Sheath : LSZH / LSZH with UV and AR, orange

Technical data

- Core identification code**
Blue and orange cores with numerical printing for pair identification
- Peak operating voltage**
300 V
- Conductor resistance**
23.5 Ohm/Km
- Minimum bending radius**
Unarmoured = 12 X OD
Armoured = 20 X OD
- Temperature range**
-30°C to +90°C

Article number	Number of pairs and AWG size	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS FF LSZH - CHXOR				
382200013	1 X 2 X 18	9.0	15.4	123
382200037	2 X 2 X 18	15.0	30.7	266
382200061	3 X 2 X 18	15.9	46.1	326
382200085	4 X 2 X 18	17.6	61.4	401
382200229	10 X 2 X 18	27.9	153.5	940
382200277	12 X 2 X 18	28.8	184.2	1,054
UNITRONIC® BUS FF LSZH - CHXSHXOR				
382200021	1 X 2 X 18	13.0	15.4	259
382200045	2 X 2 X 18	19.4	30.7	503
382200069	3 X 2 X 18	20.5	46.1	584
382200093	4 X 2 X 18	22.0	61.4	675
382200237	10 X 2 X 18	32.9	153.5	1,406
382200285	12 X 2 X 18	34.0	184.2	1,559
UNITRONIC® BUS FF LSZH SSA - CHXSSAHXOR				
382200062	3 X 2 X 18	20.9	46.1	822
382200086	4 X 2 X 18	22.4	61.4	932
382200230	10 X 2 X 18	33.3	153.5	1,820
382200278	12 X 2 X 18	34.6	184.2	2,001
UNITRONIC® BUS FF LSZH SWA - CHXSWAHXOR				
382200014	1 X 2 X 18	13.6	15.4	374
382200038	2 X 2 X 18	20.0	30.7	689
UNITRONIC® BUS FF LSZH UVAR - CHXUVAROR				
382200015	1 X 2 X 18	9.0	15.4	123
382200039	2 X 2 X 18	15.0	30.7	266
382200087	4 X 2 X 18	17.6	46.1	401
382200231	10 X 2 X 18	27.9	153.5	940
382200279	12 X 2 X 18	28.8	184.2	1,054

Article number	Number of pairs and AWG size	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS FF LSZH UVAR - CHXSHXUVAROR				
382200022	1 X 2 X 18	13.0	15.4	259
382200046	2 X 2 X 18	19.4	30.7	503
382200070	3 X 2 X 18	20.5	46.1	584
382200238	10 X 2 X 18	32.9	153.5	1,406
382200286	12 X 2 X 18	34.0	184.2	1,559
UNITRONIC® BUS FF LSZH SSA UVAR - CHXSSAHXUVAROR				
382200064	3 X 2 X 18	20.9	46.1	822
382200088	4 X 2 X 18	22.4	61.4	932
382200112	5 X 2 X 18	24.6	76.8	1,111
382200136	6 X 2 X 18	26.6	92.1	1,259
382200160	7 X 2 X 18	26.6	107.5	1,305
382200184	8 X 2 X 18	29.7	122.8	1,541
382200208	9 X 2 X 18	32.2	138.2	1,719
382200232	10 X 2 X 18	33.3	153.5	1,820
382200256	11 X 2 X 18	33.3	168.9	1,865
382200280	12 X 2 X 18	34.6	184.2	2,001
UNITRONIC® BUS FF LSZH SWA UVAR - CHXSWAHXUVAROR				
382200016	1 X 2 X 18	13.6	15.4	374
382200040	2 X 2 X 18	20.0	30.7	689

• If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
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