

SOLIDE- AND STRANDED WIRES ACCORDING TEMPERATURE CLASS (A, F, H)



CONDUCT – PROTECT – INSULATE



AWG stranded conductors and wires, UL 1430, PVC radiation cross-linked

Properties

Conductor:

Tinned stranded copper wire

Insulation:

PVC radiation cross-linked, self-extinguishing according to VW-1

Specification:

MIL-W-16878E Type 2

Operating voltage:

300 Volt (UL x CSA), 1000 Volt (MIL-W-16878E)

Temp. Class:

105°C (UL x CSA), 105°C (MIL-W-16878E)

Colours:

red (rt), blue (bl), black (sw), white (ws), green (gn), yellow (ge), grey (gr), brown (br), orange (or)

Approvals:

UL / CSA recognized

Dimensions:

Master number	AWG	Structure [mm]	Wall thickness [mm]	Outside diameter [mm]
SLUL1430/2601	26	1 x 0,40	0,43	1,34
SLUL1430/2607	26	7 x 0,16	0,43	1,34
SLUL1430/2619	26	19 x 0,102	0,43	1,37
SLUL1430/2401	24	1 x 0,51	0,43	1,45
SLUL1430/2407	24	7 x 0,203	0,43	1,47

Master number	AWG	Structure [mm]	Wall thickness [mm]	Outside diameter [mm]
SLUL1430/2411	24	11 x 0,16	0,51	1,66
SLUL1430/2419	24	19 x 0,127	0,43	1,50
SLUL1430/2201	22	1 x 0,64	0,43	1,58
SLUL1430/2207	22	7 x 0,254	0,43	1,62
SLUL1430/2217	22	17 x 0,16	0,53	1,84
SLUL1430/2219	22	19 x 0,16	0,43	1,66
SLUL1430/2001	20	1 x 0,81	0,43	1,75
SLUL1430/2007	20	7 x 0,32	0,43	1,88
SLUL1430/2019	20	19 x 0,203	0,43	1,94
SLUL1430/2021	20	21 x 0,18	0,53	2,01
SLUL1430/1807	18	7 x 0,404	0,43	2,13
SLUL1430/1819	18	19 x 0,254	0,43	2,19
SLUL1430/1834	18	34 x 0,18	0,55	2,32
SLUL1430/1619	16	19 x 0,30	0,43	2,36
SLUL1430/1626	16	26 x 0,254	0,55	2,63

Item number:

Example: SLUL1430/2607BR

SLUL1430/2607 = master number

BR = color brown

AWG stranded conductors and wires, UL 1431, PVC radiation cross-linked

Properties

Conductor:

stranded copper wire, tinned tinned copper wire

Insulation:

PVC radiation cross-linked, self-extinguishing according to VW-1

Specification:

MIL-W-16878E Type 3

Operating voltage:

600 Volt (UL x CSA), 300 Volt (MIL-W-16878E)

Temp. Class:

105°C (UL x CSA), 105°C (MIL-W-16878E)

Colours:

red (rt), blue (bl), black (sw), white (ws), green (gn), yellow (ge), grey (gr), brown (br), orange (or)

Approvals:

UL / CSA recognized

Dimensions:

Master number	AWG	Structure [mm]	Wall thickness [mm]	Outside diameter [mm]
SLUL1431/2401	24	1 x 0,51	0,85	2,21
SLUL1431/2201	22	1 x 0,64	0,85	2,34
SLUL1431/2001	20	1 x 0,81	0,85	2,51
SLUL1431/2007	20	7 x 0,32	0,85	2,66
SLUL1431/2019	20	19 x 0,203	0,85	2,72
SLUL1431/1801	18	1 x 1,02	0,85	2,72
SLUL1431/1807	18	7 x 0,404	0,85	2,91
SLUL1431/1819	18	19 x 0,254	0,85	2,97
SLUL1431/1601	16	1 x 1,29	0,85	2,99
SLUL1431/1619	16	19 x 0,30	0,85	3,20
SLUL1431/1419	14	19 x 0,38	0,85	3,54
SLUL1431/1441	14	41 x 0,254	0,85	3,73
SLUL1431/1219	12	19 x 0,48	0,85	4,04
SLUL1431/1265	12	65 x 0,254	0,89	4,14
SLUL1431/1037	10	37 x 0,45	0,89	4,85
SLUL1431/1104	10	104 x 0,254	0,89	4,75

Item number:

Example: SL1431/2007BR

SL1431/2007 = master number

BR = color brown

AWG stranded wires made of PVC, UL/CSA recognized, style 1007/1015/1283

Properties

Material

tinned copper conductor, finely stranded

Insulation:

PVC, heat and impregnation resistant Temp. Class :

Style 1007/TR64 (80°C), 300 Volt

Style 1015/TEW A (105°C), 600 Volt

Style 1283/TEW A (105°C), 600 Volt

Colors:

red (rt), blue (bl), black (sw), white (ws), green (gn), yellow (ge), gray (gr), brown (br), orange (or), violet (vi), green-yellow (gnge)

Presentation:

AWG 30 - 18: 1000 ft (305 m) spools

AWG 16 - 12: 500 ft (152 m) spools

AWG 10 - 4: 300 ft (91 m) coils

Approvals:

UL / CSA recognized

Dimensions

Master number	Dimensions		Style 1007/TR64	Colors										
	AWG type	Cross section* [mm ²]	Outer Ø** [mm]	RT	BL	SW	WS	GN	GE	GR	BR	OR	VI	GNGE
SLUL1007/26	26	0,15	1,35	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
SLUL1007/24	24	0,23	1,45	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
SLUL1007/22	22	0,34	1,70	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
SLUL1007/20	20	0,52	1,90	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
SLUL1007/18	18	0,82	2,20	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
SLUL1007/16	16	1,31	2,50	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

Master number	Dimensions		Style 1015/TEW	Colors										
	AWG type	Cross section** [mm2]	Outer Ø** [mm]	RT	BL	SW	WS	GN	GE	GR	BR	OR	VI	GNGE
SLUL1015/20	20	0,52	2,60	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1015/18	18	0,82	2,95	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1015/16	16	1,31	3,25	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1015/14	14	2,08	3,70	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1015/12	12	3,31	4,60	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1015/10	10	5,26	5,20	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

Master number	Dimensions		Style 1283/TEW	Colors										
	AWG type	Cross section** [mm2]	Outer Ø** [mm]	RT	BL	SW	WS	GN	GE	GR	BR	OR	VI	GNGE
SLUL1283/08	8	8,37	7,00	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1283/06	6	13,30	8,50	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1283/04	4	21,15	10,50	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1283/03	3	26,67	11,20	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SLUL1283/02	2	33,62	12,50	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

◆ ex works warehouse (minimum purchase value CHF 300 per order)

◆ on request

◆ The dimensions given are standard dimensions

Item number:

Example: SLUL1015/20GEGN

SLUL1015/20 = master number

GEGN = color yellow-green