

## Certificate Record

### Quick Links

Customer	Class	File Number	Quick Links
Helukabel GmbH Dieselstr. 8-12, Hemmingen Germany 71282	5851-01  WIRES-Appliance	113926_0_000	<a href="#">Certification Marks and Labels</a> <a href="#">Certified Product Listing</a> <a href="#">CSA Communities</a> <a href="#">Request a Quote</a>

### TO THE REQUIREMENTS OF CSA STANDARD C22.2 NO. 210-11:

AWM Class	AWM Group	Temp Deg C	Volt	Jacket Type Min Thick (mm)	Overall Covering Type Min Thick (mm)	Size Range AWG	Insul. Type Avg. Thick (mm)	Note
<b>SINGLE CONDUCTOR:</b>								
I	A/B	105	600	-	-	32-10 8 6-2 1-4/0 250-500	PVC/0.76 PVC/1.14 PVC/1.52 PVC/2.03 PVC/2.41	1,2,3
I	A/B	90	300/600/1000-	-	-	28-9 8-7 6-2 1-4/0 250-500 501-750	PVC/0.51 PVC/0.76 PVC/1.14 PVC/1.52 PVC/2.03 PVC/2.41	1,2
I	A/B	90	300	-	-	28-14	PVC/0.38	1,2,10
I	A/B	90	600	-	-	24-10	PVC/0.76	1,2,11
I/II	A/B	80	1000	PUR/1.19	-	4-2 1-4/0 250-500 500-750	FRPE/1.01 FRPE/1.14 FRPE/1.52 FRPE/2.03	1,2,4,7,8
I	A/B	60, 90, 105	300	-	-	30-10	PVC/0.38	1,2
I	A/B	60, 90, 105	600	-	-	30-10 8 6-2 1-4/0 250-500	PVC/0.76 PVC/1.14 PVC/1.52 PVC/2.03 PVC/2.41	1,2
I	A/B	80	300	-	-	32-12	SR- PVC/0.23	1,2
I	A/B	105	300	-	-	32-12	PVC/0.30	1,2
I	A/B	80, 90, 105	600/1000	-	-	30-9 8-7 6-2 1-4/0	PVC/0.50 PVC/0.76 PVC/1.14 PVC/1.52	1,2
I/II	A/B	80, 90, 105	600	PVC/1.71	-	30-16 14-10 8-4 2-3/0 4/0-300 350-500 500-750	PVC/0.50 PVC/0.81 PVC/1.17 PVC/1.42 PVC/1.78 PVC/2.18 PVC/2.79	1,6,7
<b>MULTICONDUCTOR/ROUND:</b>								

I/II	A/B	90	600/1000	PVC/0.81	PVC/0.7220-10	PVC/0.51	1,2,4,5,6,7,12
					8	PVC/0.76	
					6-2	PVC/1.14	
					1-4/0	PVC/1.52	
I/II	A/B	80	1000	PUR/1.19	-	22-10	FRPE/0.621,2,4,7,8
						9-5	FRPE/0.76
						4-2	FRPE/1.01
						1-3/0	FRPE/1.14
I/II	A/B	60, 90, 300		PVC/0.38	PVC/0.3830-10	PVC/0.38	1,2,13,14
		105					
I/II	A/B	60, 90, 600		PVC/0.38	PVC/0.3830-10	PVC/0.76	1,2,13,14
		105				8	PVC/1.14
						6-2	PVC/1.52
						1-4/0	PVC/2.03
						250-500	PVC/2.41
I/II	A/B	80, 90	300	PUR/0.76	-	30-10	TPE/0.20 1,2,13
			600-				(polyester)
			1000				TPE/0.25
I/II	A/B	80	600-	PVC/PUR/0.76-		32-20	P.P./0.30 1,2,13
			1000			19-16	P.P./0.35
						15-10	P.P./0.40
						9-6	P.P./0.56
						5-2	P.P./0.71
						1-4/0	P.P./0.84
						250-500	P.P./1.14
						501-	P.P./1.52
						1000	P.P./2.03
						1001-	
						2000	
I/II	A/B	80	30/300	PVC/PUR/0.76-		32-20	P.P./0.20 1,2,4,13,15
						19-16	P.P./0.235
I/II	A/B	80	300	PVC/0.38	-	32-12	SR- 1,2,13
							PVC/0.23
I/II	A/B	105	300	PVC/0.38	-	32-12	PVC/0.30 1,2,13
I/II	A/B	80, 90, 105	600/1000	PVC/0.38	-	30-9	PVC/0.50 1,2,13
						8-7	PVC/0.76
						6-2	PVC/1.14
						1-4/0	PVC/1.52

Notes:

1. Insulation in all colours, except clear and transparent.
2. Flame Classification: FT1.
3. Wire (sizes 26-4/0 AWG) may be dual marked with Type TEW (Class 5835 01).
4. Jacket in all colours, except clear and transparent.
5. Jacket thickness in accordance with Table 18 of the Standard but not less than 0.81mm.
6. Flame Classification: FT2.
7. Shield (optional).
8. Flame Classification: FT4.
9. Jacket thickness in accordance with Table 18 of the Standard, but not less than 1.19mm.
10. May be dual marked with Type TR-64 (Class 5854 01).
11. May be dual marked with Type TR-32 (Class 5854 01).
12. Covering (optional).
13. Optional shielding, drain wire.
14. Optional PVC covering.
15. Optional TPE (polyester).

/lb

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## Certificate Record

Customer	Class	File Number
Helukabel GmbH Dieselstrasse 8-12, Hemmingen Germany 71282	<u>5835-01</u> WIRES-Equipment	113926_0_000

TO THE REQUIREMENTS OF CSA STD C22.2 NO 127-09:

Type	Max Temp Rating (C)	Max Voltage Rating (V)	Insulation	Jacket/ Covering	Size Range (AWG)	Notes
TEW	105	600	PVC	-	26-4/0	1, 2, 3, 4

Notes:

1. Single conductor construction without shield or covering.
2. Flame classification, FT1.
3. In all colours, except clear and translucent.
4. May be dual marked "AWM I A/B 105C 600V FT1".

/lb