

Certification Record

CUSTOMER	CLASS	FILE
LEONI Special Cables GmbH Eschstrasse 1, Friesoythe 26169 Germany	5851-01 WIRES-Appliance	055255_0_000
Refer to Class Description for program details		

TO THE REQUIREMENTS OF CSA STANDARD C22.2 No 210.2-M90:

				Jacket Type			Insul	
AWM Class	AWM Group	Temp Deg C	Max Volt	Min Avg Thick (mm)	Overall Covering Type	Size Range AWG	Type Avg Min (mm)	Notes
● SINGLE CONDUCTOR:								
I	A	90/105	30	-	-	38-20	PVC/ 0.10	4, 5
I	A	80	300	PUR/ 0.38	-	32-10	SR-PVC/ 0.22	3, 5
I	A/B	150	300	-	-	40-10	PFA/ 0.16	3, 5
I	A/B	80	300	FEP/ 0.16		44-10	FEP/ 0.61	3, 7
I	A/B	60	300	-	-	44-10	PVC/ 0.40	3, 5,
I	A/B	90	300	-	-	28-10	SR-PVC/ 0.38	3, 5
I	A/B	105	600	-	-	24-10	SR-PVC/ 0.76	3, 5
I	A	150	300	-	-	32-10	ETFE/ 0.127	3, 5
I	A/B	150	300	-	-	30-14	ETFE/ 0.254	3, 5
I	A/B	105	300	-	-	30-10	PVC/ 0.38	3, 5
			600				PVC/ 0.76	
I	A/B	80	300	-	-	30-16	SR-PVC/	3, 5

I	A/B	180	150	-	-	32-16	0.22 FEP/	3, 8
			300				0.25	
			600				0.38	
I	A/B	105	300	-	-	32-10	0.76 SR-PVC/	1, 3,
							.15	5
I	A/B	80	150	-	-	30-20	Comp/	3, 5,
							.14	11

• MULTICONDUCTOR/ROUND:

II	A/B	105	600	PVC/ 0.76	-	24-10	SR-PVC/ 0.76	1, 3, 5
II	A/B	80	300	PVC/ 0.76	-	30-16	SR-PVC/ PVC/	1, 3, 5
							0.22	
II	A	105	300/600	PVC/ 0.38	-	30-16	SR-PVC/ PVC/	1, 3, 5
							0.22	
II	A	80	300	PUR/ 0.38	-	32-10	SR-PVC/ 0.22	1, 3, 5
I/II	A/B	60	600	PVC/ 0.38	-	44-500 kcmil	FEP/ ETFE/	1, 2, 3, 5
							0.15	
I/II	A/B	80	300	PUR/ 0.38	-	44-500 kcmil	FEP/ 0.15	1, 3, 6
I/II	A/B	150	300	ETFE/ 0.38	-	40-10	PFA/ 0.16	1, 3, 5
I/II	A/B	80	300	PUR/ 0.80	-	44-10	FEP/ 0.61	1, 3, 5, 7
							ETFE/ 0.16	
I/II	A/B	60	300	PVC/ 0.38	-	44-10	PVC/ 0.40	1, 3, 5
I/II	A/B	80	150	PUR/ 0.38	-	32-10	HDPE/ 0.15	1, 2, 3, 5, 10
			300				HDPE/ 0.25	
I/II	A/B	105	150	PVC/ .38	-	32-16	PVC/ .15	1, 3, 5
I/II	A/B	150	300	ETFE/	-	32-10	ETFE/ .23	1, 3, 5
I/II	A/B	80	300	PUR/	-	32-10	ETFE/	1, 3, 5

I/II	A/B	105	300	.38 PVC/ .76	-	32-10	.15 SR-PVC/ 1, 3, .15 5 FEP/.38
I/II	A/B	105	90, 150, 300	PVC/ .76	-	32-10	SR-PVC/ 1, 3, .15 5
I/II	A/B	60/105	300	- PVC/ .76	-	32-10	SR-PVC/ 1, 3, .15 5 ETFE/ .13
I/II	A/B	90	600	PVC/ .76	-	26-10	SR-PVC/ 1, 3, 5 .76

• **MULTICONDUCTOR/PARALLEL:**

I/II	A/B	80	150	PVC/ .76	-	30-16	Comp/ .14 ETFE/ 3, 5, .127 11, 12
II	A/B	105	300	PVC/ .38	-	16-12	PVC/ 3, 5 .50 13
II	A/B	90	300	PUR/.38	-	16-12	FRPP/ 4, 5 .50 13

Notes:

1. Optional shielding.
2. Optional wrap.
3. **Flame test rating - FT1.**
4. Flame test rating - FT2.
5. In all colours except for clear and transparent.
6. Jacket in dark colours only.
7. FEP (foam) insulated conductor construction, FEP in light colours or clear and transparent. Includes inner shielding, inner FEP covering, outer shielding and outer FEP jacket.
8. Special conductor construction (Table 6) product for use in electronic equipment.
9. Single conductors may be twisted into multi-form without shielding, jacket or covering when for internal use only.
10. Cable may also include single conductors with ETFE insulation (0.127 in min avg).
11. Composite insulation material: PET tape and polyester adhesive (heat laminated).
12. Cable assembly includes single or groups of insulated conductors having composite and/or ETFE insulated conductors.
13. **Oil Resistant.**