

519 LI-H(ST)H LSZH ALARM CABLE IEC 60754.1

Application Insulation and the sheath made in special polymer (LSZH), that does not emit halogen gases during combustion. Suitable for installation in public buildings (hospitals, theatres, ecc.). Do not have to be wired together with energy cables.



Construction

Item	Inner Conductor		Insulation		Shield	Jacket		Weight kg / km
	Cores Section mm ²	Construction (Approx.) Nr / Ø mm	Diameter mm	Diameter mm		Color	Diameter (Approx.) mm	
ISZ034B	2 x 0.22	7 x 0,15	1,00		Aluminium / PET foil +	White	3,60	14,9
ISZ036B	4 x 0.22	7 x 0,15	1,00				4,00	20,4
ISZ038B	6 x 0.22	7 x 0,15	1,00		Bare Copper, Stranded		4,60	26,3
ISZ039B	8 x 0.22	7 x 0,15	1,00				5,00	31,7
ISZ103B	10 x 0.22	7 x 0,15	1,00				5,50	37,4
ISZ357B	12 x 0.22	7 x 0,15	1,00				5,90	42,8
ISZ297B	20 x 0.22	7 x 0,15	1,00				7,00	65,5
ISZ040B	2 x 0.22 + 2 x 0.50	7 x 0,15	16 x 0,15	1,00	1,50		4,60	27,4
ISZ042B	4 x 0.22 + 2 x 0.50	7 x 0,15	16 x 0,15	1,00	1,50		5,20	33,3
ISZ044B	6 x 0.22 + 2 x 0.50	7 x 0,15	16 x 0,15	1,00	1,50		5,60	38,7
ISZ104B	8 x 0.22 + 2 x 0.50	7 x 0,15	16 x 0,15	1,00	1,50		5,80	43,5
ISZ358B	10 x 0.22 + 2 x 0.50	7 x 0,15	16 x 0,15	1,00	1,50		6,30	49,1
ISZ359B	12 x 0.22 + 2 x 0.50	7 x 0,15	16 x 0,15	1,00	1,50		6,40	53,7
ISZ045B	2 x 0.22 + 2 x 0.75	7 x 0,15	24 x 0,15	1,00	1,80		5,10	32,9
ISZ047B	4 x 0.22 + 2 x 0.75	7 x 0,15	24 x 0,15	1,00	1,80		5,50	38,3
ISZ049B	6 x 0.22 + 2 x 0.75	7 x 0,15	24 x 0,15	1,00	1,80		5,80	43,3
ISZ105B	8 x 0.22 + 2 x 0.75	7 x 0,15	24 x 0,15	1,00	1,80		6,30	48,9
ISZ363B	10 x 0.22 + 2 x 0.75	7 x 0,15	24 x 0,15	1,00	1,80		6,60	54,1
ISZ364B	12 x 0.22 + 2 x 0.75	7 x 0,15	24 x 0,15	1,00	1,80		6,80	58,9
ISZ367B	20 x 0.22 + 2 x 0.75	7 x 0,15	24 x 0,15	1,00	1,80		8,10	82,7

Technical Data

Inner Conductor	Bare Copper, Stranded		
Insulation	Thermoplastic Halogen-free compound T17		
Identification	Color List		
Cabling	Conductors cabled in concentric layers		
Taping	Polyester foil		
Shield	Aluminium / PET foil		
Drain Wire	Bare Copper, Stranded		
Jacket	Thermoplastic Halogen-free compound M1		

Conductor Resistance	0,22	Ohm / km	143,00
Conductor Resistance	0,50	Ohm / km	63,00
Conductor Resistance	0,75	Ohm / km	42,00
Peak Operating Voltage		Volt	250
(Not for purposes of Power)			
Operating Voltage Uo		Volt	500
Test Voltage		Volt	1.200
Insulation Resistance		MOhm / km	> 20
Temperature Range		Fixed Installation	- 15 °C / + 70 °C
Min. Bending Radius		Fixed Installation	10 x Diameter

Color List

Section 0.22	Section 0.50 - 0.75
White	Red
Red	Black
Yellow	
Green	
Grey	
Orange	
Light Blue	
Brown	
Black	
Violet	
Blue	
Pink	
White / Brown	
White / Violet	
White / Green	
White / Blue	
White / Grey	
White / Yellow	
White / Black	
White / Red	

Standards

Insulation	EN 50363-7
Jacket	EN 50363-8
Halogen Free	IEC 60754.1; EN 50267-2-1
Fire behaviour	IEC 60332.3; EN 60332-3
Low smoke emission	EN 61034.2
Corrosive gases and halogen	IEC 60754-2; EN 50267-2-1