

LYONISIL® 200 (500 V)

Description

Application

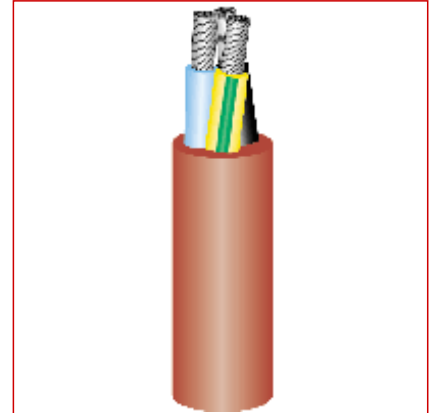
For all very low voltage electric installations. LYONISIL® cables are suitable for connections between transformers and lighting appliances according to UTE C 15-559 and NF C 15-100.

Operating conditions

From -50°C to +180°C continuously, several days at 200°C, a few hours at 230°C.









Voltage test

2000 V - 50 Hz



Standards

National NF C 15-100; NF C 32-070;
 UTE C 15-559

							
Halogen free EN 50267	Conductor flexibility Flexible class 5	Mechanical resistance to impacts Low	Cable flexibility Flexible	Max. conductor temperature in service 180 °C	Operating temperature, range -50 .. 180 °C	Weather resistance Good	Fire retardant C1, NF C 32-070

LYONISIL® 200 (500 V)

Characteristics

Construction characteristics	
Halogen free	EN 50267
Conductor material	Tinned copper
Conductor flexibility	Flexible class 5
Outer sheath	Silicon elastomer
Dimensional characteristics	
Approximate weight	116 kg/km
Maximum outer diameter	8.2 mm
Electrical characteristics	
Operating voltage	500 V
Permissible current rating in open air	19 A
Mechanical characteristics	
Mechanical resistance to impacts	Low
Cable flexibility	Flexible
Usage characteristics	
Max. conductor temperature in service	180 °C
Operating temperature, range	-50 .. 180 °C
Weather resistance	Good
Fire retardant	C1, NF C 32-070
Chemical resistance	Accidental
Smoke density	EN 50268
Water proof	Good
Minimum static operating bending radius	15.6 mm



Halogen free
EN 50267



Conductor flexibility
Flexible class 5



Mechanical resistance to impacts
Low



Cable flexibility
Flexible



Max. conductor temperature in service
180 °C



Operating temperature, range
-50 .. 180 °C



Weather resistance
Good



Fire retardant
C1, NF C 32-070