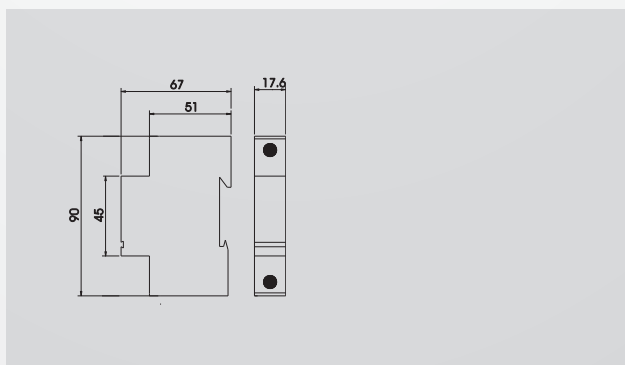




DECOUPLING INDUCTORS

Decoupling inductors (sometimes called decoupling impedance) intended for nominal currents within the range of 16, 32, 63, 80 and 120A ensure energy coordination between arresters type 1 and type 2 or arresters type 2 and type 3 according to IEC 1024-1 and EN 61643-11 especially in the places where there is no adequate distance between arresters (e.g. when there are two successive arrester types placed in one switchboard). If the energy coordination of surge protection is not achieved, the lightning current impulse can damage some arrester type of the protection cascade. If there is at least 5m distance between two successive arrester types (in case of two successive arrester types in two different switchboards), this section impedance can be considered as adequate.

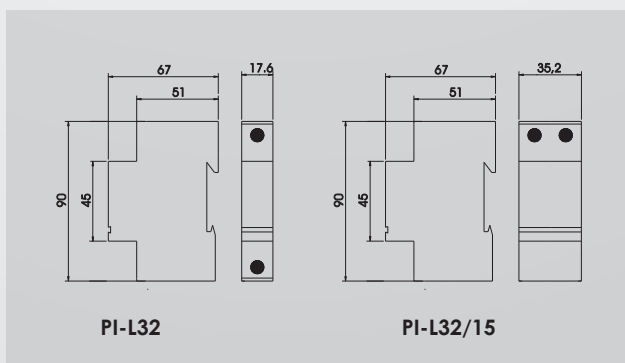
Decoupling Elements



Type PI-L16, PI-L16/15

Nominal voltage	U_N	500 V AC
Nominal current	I_N	16 A
Inductance	L	$6 \mu H \pm 10\% / 15 \mu H \pm 10\%$
DC resistance		$<0,01 \Omega$
Recommended cross-section of connected conductors (at tightening moment 3 Nm)		4 mm ²
Recommended backup fuse		16 A
Lifetime		min. 100.000 h
Weight	m	141/157 g
Article number		
PI-L16		30 000
PI-L16/15		30 036

Decoupling Elements



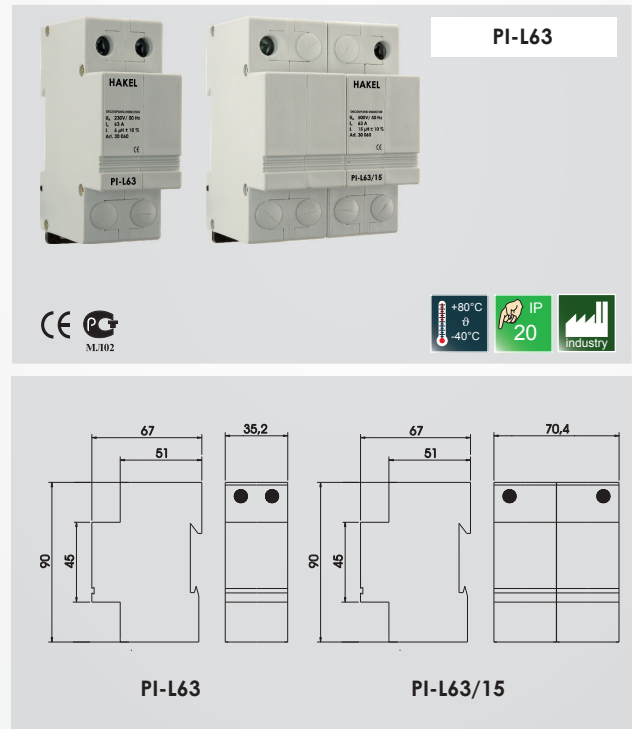
Type PI-L32, PI-L32/15

Nominal voltage	U_N	500 V AC
Nominal current	I_N	32 A
Inductance	L	$6 \mu H \pm 10\% / 15 \mu H \pm 10\%$
DC resistance		$<0,01 \Omega$
Recommended cross-section of connected conductors (at tightening moment 3 Nm)		6 mm ²
Recommended backup fuse		32 A
Lifetime		min. 100.000 h
Weight	m	157/330 g
Article number		
PI-L32		30 030
PI-L32/15		30 035

Type PI-L63, PI-L63/15

Nominal voltage	U_N	500 V AC
Nominal current	I_N	63 A
Inductance	L	$6 \mu H \pm 10\%$ / $15 \mu H \pm 10\%$
DC resistance		$<0,01 \Omega$
Recommended cross-section of connected conductors (at tightening moment 3 Nm)		16 mm ²
Recommended backup fuse		63 A
Lifetime		min. 100.000 h
Weight	m	360/630 g
Article number		
PI-L63		30 060
PI-L63/15		30 065

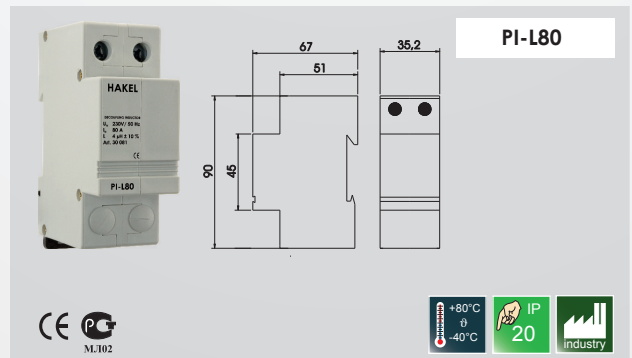
Decoupling Elements



Type PI-L80

Nominal voltage	U_N	500 V AC
Nominal current	I_N	80 A
Inductance	L	$4 \mu H \pm 10\%$
DC resistance		$<0,01 \Omega$
Recommended cross-section of connected conductors (at tightening moment 3 Nm)		25 mm ²
Recommended backup fuse		80 A
Lifetime		min. 100.000 h
Weight	m	360 g
Article number		
PI-L80		30 081

Decoupling Elements



Type PI-L120

Nominal voltage	U_N	500 V AC
Nominal current	I_N	120 A
Inductance	L	$6 \mu H \pm 10\%$
DC resistance		$<0,01 \Omega$
Recommended cross-section of connected conductors (at tightening moment 3 Nm)		50 mm ²
Recommended backup fuse		120 A
Lifetime		min. 100.000 h
Weight	m	1153 g
Article number		
PI-L120		30 120

Decoupling Elements

