



IK Rating IEC 62262

The EN/IEC 62262 IK rating classifies the level of protection that electrical appliances provide against mechanic impacts from outside. It is defined by standard EN/IEC 62262.

Code	Impact energy	Resistant against an impact from an object of
00	Non-protected	
01	0.150 joules	0.44 lbs. (200 grams) thrown from a distance of 2.9" (7.5 cm)
02	0.200 joules	0.44 lbs. (200 grams) thrown from a distance of 3.9" (10 cm)
03	0.350 joules	0.44 lbs. (200 grams) thrown from a distance of 6.9" (17.5 cm)
04	0.500 joules	0.44 lbs. (200 grams) thrown from a distance of 9.8" (25 cm)
05	0.700 joules	0.44 lbs. (200 grams) thrown from a distance of 13.8" (35 cm)
06	1.00 joules	1.1 lbs. (500 grams) thrown from a distance of 7.9" (20 cm)
07	2.00 joules	1.1 lbs. (500 grams) thrown from a distance of 15.7" (40 cm)
08	5.00 joules	3.8 lbs. (1.7 kg) thrown from a distance of 11.6" (29.5 cm)
09	10.00 joules	11 lbs. (5 kg) thrown from a distance of 7.9" (20 cm)
10	20.00 joules	11 lbs. (5 kg) thrown from a distance of 15.7" (40 cm)

IK CODES

IK Code	IK00	IK01 to IK05	IK06	IK07	IK08	IK09	IK10
Impact Energy (joules)		<1	1	2	5	10	10
R mm (radius striking element)		10	10	25	25	50	50
Material		polyamide	polyamide	steel	steel	steel	steel
Mass kg		0.2	0.5	0.5	1.7	5	5
Pendulum hammer		Yes	Yes	Yes	Yes	Yes	Yes
Spring hammer		Yes	No	No	No	No	No
Free fall hammer		No	No	Yes	Yes	Yes	Yes

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