






Technical data

International short forms of types of conductors

IK code

International short forms of types of conductors

r (rigid)				f (flexible)
sol (solid)		s (stranded)		
round conductors 	sector-type conductors 	round conductors 	sector-type conductors 	flexible conductors 
RE (round single)	SE (sector, solid)	RM (round stranded)	SM (sector, stranded)	

IK Code

Protection against mechanical shock (impact strength)

IK Code: Demand energy value [W] in Joules.

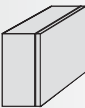
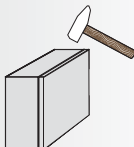
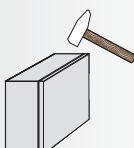
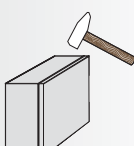
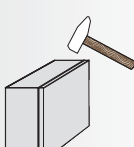
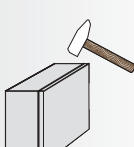
The European standard for enclosures EN 50298:98 includes also the IK Code for impact strength. With the DIN EN 50102 (VDE 0470 part of 100) "Degrees of protection by enclosures for electrical operational funds (equipment) against outside mechanical loads (IK Code)". is defined with the identification letters IK.

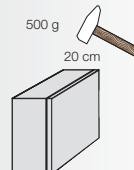
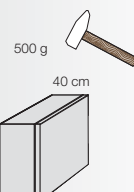
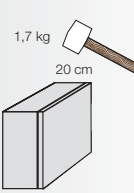
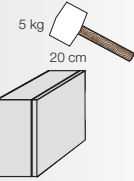
This standard regulates the methods for the description of the protection of enclosures against outside mechanical loads.

This indicates the degree of protection, which is provided by an enclosure against a mechanical load (demand energy in joules).

HENSEL tests its enclosures and enclosure systems additionally also according to this standard.

Classification of the impact strength by the IK Code

IK Code	[W] in J	
IK00	no protection	
IK01	0,14	
IK02	0,2	
IK03	0,35	
IK04	0,5	
IK05	0,7	

IK Code	[W] in J	
IK06	1	
IK07	2	
IK08	5	
IK09	10	
IK10	20	