

Ingress Protection (IP)

Degree of ingress protection for enclosures of electrical equipment.

IP X X

Protection Against Solid Objects

No.	Description
0	No protection
1	Objects greater than 50 mm
2	Objects greater than 12 mm
3	Objects greater than 2.5 mm
4	Objects greater than 1 mm
5	Dust protected
6	Dust tight

Protection against liquids

No.	Description
0	No protection
1	Vertically dripping water
2	Dripping water tilted up to 15 degrees
3	Spraying water at angle up to 60 degrees
4	Splashing water from any direction
5	Low pressure water jets
6	Strong jets of water
7	The effects of immersion to depth of 1 m
8	Submersion

RSTAHL SCHALTGERÄTE GMBH

SW



Basics of Explosion Protection

02/99

No. 3