

Electromagnetic Compatibility: EMC  
Specification valid for flush mounting and projection mounting case versions

Test type	Test values applied to UKT types	Standards
Relay type UKT913-x-1		
<b>EMISSION</b>	0,15 - 30 and 30 - 1000 MHz (conducted and radiated)	EN50081-2 (1994) EN55011(CISPR11) EN55022(CISPR22)Cl.A
<b>IMMUNITY</b>		EN50082-2 (1995)
<b>RFI</b> <sup>2</sup> conducted (80% am)	10V, 0,15 - 80 MHz	ENV50141 (draft IEC801-6)
<b>RFI</b> radiated	10V/m, 80 - 1000 MHz (80% am <sup>4</sup> ) 10V/m, 900 MHz, (pm <sup>5</sup> )	ENV50140 (IEC1000-4-3) ENV50204
<b>ESD</b> <sup>3</sup> contact / air		EN61000-4-2(IEC1000-4-2)
<b>Enclosure</b>	6/8 kV	
<b>Front, <sup>6</sup> cover open</b>	2/2 kV <sup>6</sup>	
<b>Fast transients</b>		EN61000-4-4(IEC1000-4-4)
DC power port	4 kV	
all other ports	2 kV	
<b>Power frequency magnetic field</b>	300 A/m permanent	EN61000-4-8 (IEC1000-4-8)

<sup>1</sup> For repetition, reduced values apply as per IEC 255-5 Art 6.6 and 8.6

<sup>2</sup> RFI Radio frequency interference  
(Radio-frequency electromagnetic field)

<sup>3</sup> ESD Electrostatic discharge

<sup>4</sup> am amplitude modulated

<sup>5</sup> pm pulse modulated

<sup>6</sup> observe the ESD warning label on the cover

<sup>7</sup> earthquake-proof, tested according to  
Regulatory Guide 1, 100 (US-NCR)  
IEEE Standard 344, on a typical 900 model

### Mechanical design

Plug-in relay in standard ABB size 1 casing  
see dimensioned drawings Fig. 3 to 6

Protection  
casing IP52  
connection terminal IP10

Weight 2.6 kg