

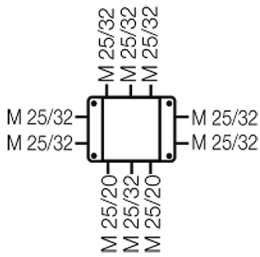


## KX 2105

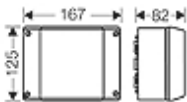
### Cable junction box for hazardous areas

- in accordance with standard 94/9/EG (ATEX)
- with terminals
- for hazardous areas, can be used in Zone 2 and Zone 22

#### box walls



#### Dimension drawing



rated connecting capacity	3~ 2,5-10 mm <sup>2</sup>
conductor material:	Cu
polarity	5-pole, per pole
conductor cross section	sol 6 x 2,5 mm <sup>2</sup> or sol 4 x 4 mm <sup>2</sup> or mm <sup>2</sup>
conductor cross section	sol 4 x 6 mm <sup>2</sup> or sol 4 x 10 mm <sup>2</sup> mm <sup>2</sup>
rated current:	{2,5 mm <sup>2</sup> (sol)} 32 A or {4 mm <sup>2</sup> (sol)} 40 A or A
rated current:	{6 mm <sup>2</sup> (sol)} 50 A or {10 mm <sup>2</sup> (sol)} 63 A A
rated insulation voltage	AC 690 V
degree of protection:	IP 65
material:	thermoplastic
colour:	black RAL 9011
cable entry	{Verschlusschrauben 6x VXM 32 und 2x VXM 25 beigefügt} order AXM separately
Explosion protection code	II 3 G Ex nA T5 II 3 D Ex tD A 22 T100°C IP65

#### Operating and ambient conditions

Application area	Suitable for indoor installation and outdoor installation, protected against weather influences according to DIN VDE 0100 Part 737
ambient temperature	Average value over 24 hours + 35° C Maximum value + 40° C Minimum value - 20° C
Relative humidity	50% at 40° C short-time 100% at 25° C
Burning behaviour	Glow wire test IEC 60 695-2-11: 960° C -
{Schlagfestigkeit}	flame resistant self-extinguishing { für niedrige mechanische Gefährdung = 4 Joule}
Toxic behaviour	halogen-free silicone-free "halogen-free" in accordance with the examination of the cables and insulated wires - corrosiveness of fumes - as per IEC 754-2 To material properties see technical data.