

## Floor service outlet boxes and access units

Standard EN 50085-2-2 concerns systems for distributing currents in the floor (sunken or surface-mounted)  
It ensures consistent performance along the entire distribution length up to the user connection point

### Classification for distribution system by floor

		Embedded in floor	On floor	Heavy duty floor system
6.2	Resistance to impact for installation and application	5 J	5 J	5 J
6.3	Minimum storage and transport temperature	- 25 °C	- 25 °C	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C	- 5 °C	- 5 °C
6.3	Maximum application temperature	+ 60 °C	+ 60 °C	+ 60 °C
6.4	Resistance to flame propagation	Non propagating	Non propagating	Non propagating
6.5	Electrical continuity characteristics	Without continuity	Without continuity	Without continuity
6.6	Electrical insulating characteristics	Without electrical insulating characteristic	Without electrical insulating characteristic	Without electrical insulating characteristic
6.7	Degree of protection provided by enclosure	IP30	IP20	IP66 <sup>(A)</sup> IP30 <sup>(B)</sup>
6.9	System access cover retention	With a tool	With a tool	With a tool
6.101	Floor treatment	Dry floor treatment	Dry floor treatment	Wet floor treatment
6.102	Resistance to a vertical load applied over a small surface area	750 N	750 N	3000 N
6.103	Optional classification according to resistance to a vertical load applied over a large surface area	3000 N	3000 N	15000 N

### Classification for columns/mini-columns systems according to EN 50085-2-4

6.2	Resistance to impact for installation and application	2 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.5	Electrical continuity characteristics	With continuity
6.6	Electrical insulating characteristics	Not electrical insulating
6.7	Degree of protection provided by enclosure	IP 40
6.9	System access cover retention	With tool
6.101	Floor treatment	Columns/mini-columns for dry floor treatment
	Mechanical shock protection	IK 07
	Electrical impedance (in mΩ/m)	5 mΩ/m

Composition of columns/mini-columns systems according to EN 50085-2-4, see technical sheets

### Composition and function with distribution systems embedded in floor

Floor service outlet boxes and access units and heavy duty boxes	With metal backboxes
0 896 85 0 896 86 0 896 88	0 896 34 + 0 896 84
0 880 70	0 880 73 or 0 880 71
0 880 20 0 880 23 0 880 39 0 881 20 0 881 23 0 881 39	0 880 90 or 0 880 80 + 0880 81
0 880 21 0 880 24 0 880 40 0 881 21 0 881 24 0 881 40	0 880 91 or 0 880 80 + 0880 82
0 880 22 0 880 25 0 880 41 0 881 22 0 881 25 0 881 41	0 880 92 or 0 880 80 + 0880 83
0 881 26 0 881 27	0 880 80 + 0 880 89

### Composition and function with distribution system on floor

Dim. trunking	92 x 20 Cat.No 0 328 00
Nbr of compartments	4
Accessories for over floor trunking	Distribution box Cat.No 0 328 01
	Flat angle Cat.No 0 328 02
	Cover joint Cat.No 0 328 03
	End cap Cat.No 0 328 07
Snap-on mini-columns	White Cat.Nos 6 530 40/43
	Alu Cat.Nos 6 530 41/44
	Black Cat.Nos 6 530 42/45
Snap-on columns	White Cat.No 6 530 50
	Alu Cat.No 6 530 51
	Black Cat.No 6 530 52