

SEPARATORS FOR T1 AND T1-E

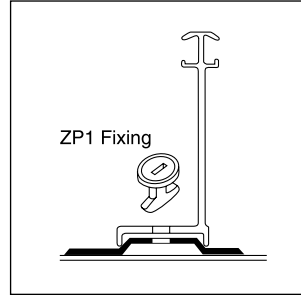
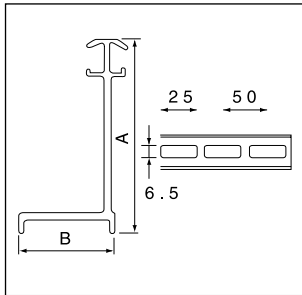
Material
Rigid PVC
self extinguishing
Colour
Grey RAL 7030
Standard length
2 metres



Separators

SEP-E allows the physical separation of circuits with different voltages and/or functions. The various mounting arrangements of SEP-E allow alternate compartmentation of duct and differing ratios of usable sections.

Dimensions (mm)		For ducting height (mm)	Standard pack (metres)	Cat. No.
A	B			
33	23	40	64	SEP-E40
52	23	60	40	SEP-E60
72	23	80	24	SEP-E80



SEP-E mounting detail depicting with use of ZP1 fixing insert.



Covers

Standard pack (metres)	Cat. No.	Standard pack (metres)	Cat. No.
50	COV 25	40	COV 100
50	COV 40	40	COV 120
50	COV 60	40	COV 150
50	COV 80		

COVERS FOR T1 and T1-E

Material
Rigid PVC
self extinguishing
Colour
Grey RAL 7030
Standard length
2 metres

BOCCHIOTTI wiring products respond to all installation needs, coping with different uses and environmental applications. They are manufactured with high quality materials that undergo severe quality controls and performance tests under extreme operating and duration conditions with a constant control of quality standards.

- WIRING DUCTS, SEP-E and CL are manufactured in rigid self extinguishing PVC
- Those components for which high bending resilience is required are in polyamide 6 and polypropylene
- SPIRALITE is manufactured in natural polyethylene and self extinguishing polyethylene

MATERIALS		RIGID PVC	POLYPROPYLENE	POLYAMIDE 6	POLYETHYLENE	FLAME RETARDANT POLYETHYLENE
CHARACTERISTICS AND PROPERTIES	UNIT OF MEASURE					
PHYSICAL CHARACTERISTICS						
Specific gravity	g/cm ³	1.55	0.95	1.14	0.92	0.97
Water absorption at 23°	%	< 0.1	< 0.1	2.5	< 0.1	< 0.1
Formaldehyde	ppm	absent	absent	absent	absent	absent
Cadmium	ppm	absent	absent	absent	absent	absent
MECHANICAL CHARACTERISTICS						
Max. tensile stress	MPa	39	24	45	17	15
Tensile yield point	MPa	44	28	55	9.5	9
Elongation at break	%	130	200	250	400	600
Modulus of elasticity to tensile strength	MPa	4400	-	950	-	240
Modulus of elasticity to tensile flexion	MPa	3200	1500	1100	210	130
THERMAL CHARACTERISTICS						
VICAT Temperature	°C	84	95	198	89	-
Operating temperature	°C	+60/-5	-	-	-	-
HDT temperature	°C	72	90	185	-	-
Thermal expansion factor	°K ⁻¹	6 10 ⁻⁵	14 10 ⁻⁵	8 -10 10 ⁻⁵	22 10 ⁻⁵	10 ⁻⁵
Specific heat	kJ/kgK	0.94	-	1.7	-	-
Thermal conductivity	W/mK	0.14	0.21	0.29	0.32	0.32
ELECTRICAL CHARACTERISTICS						
Dielectric strength	Adim.	3.2 - 4.0	2.4	5.0	2.4	2.3
Dielectric resistance	kV/mm.	70	75	35	90	90
Surface resistance	Ohm	10 ¹³	10 ¹³	5 10 ¹¹	10 ¹³	10 ¹³
SELF EXTINGUISHING CHARACTERISTICS						
1.6 mm Self extinguishing	Adim.	V0	V2	V2	HB	V2
3.2 mm Self extinguishing	Adim.	V0	V2	V2	HB	V2
Glow wire test (2 mm)	°C	960	850	650	650	850
CSTB classification	Adim.	M1(RAL7030)	-	-	-	-
Oxygen number	%	43	25	25	-	25

Resistance to chemical agents: These plastic materials are known to be resistant to alcohol, acids and basic substances.

NO OZONE DEPLETING SUBSTANCES

The Istituto di Ricerche BREDA (Technical Report No. 94106/AC/287 of 29/06/94) has certified that no ozone depleting substances are contained in any of the plastic materials or production processes employed by Bocchiotti S.p.A.

The properties declared herein above have only the value of technical information based on the average results obtained from tests carried out, and in any case, do not involve the liability of the manufacturer or NHP.

The right to change specifications and appearance of the products illustrated in this catalogue without prior notice is reserved.

WIRING DUCT AND COMPONENTS

The most extensive line of wiring duct and components

Bocchiotti wiring systems feature excellent assembly functionality and are ideal for any type of power and control panel where performance remains unaltered over time even under the heaviest operating conditions.

The reliability and durability of these products is guaranteed by a very severe selection of raw materials employed for their production and rigorous process controls.

Their superior quality is a guarantee of product compliance with all major national and international standards.

The full range, featuring state-of-the-art technical solutions, includes 120 types of ducts with different side slot openings, size and colours, in addition to several functional components and accessories including universal spiral wrapping and galvanic zinc plating steel DIN rails.

