








Pagina - Page	11.130	11.131	11.132	11.133	11.134					
TV DI PROTEZIONE Protection VTs										
Codice - Code	TTV007	TTV010	TTV020	TTV050	TTV100					
<b>PRESTAZIONI VA - BURDENS VA</b>										
V \ Cl.	3P	6P	3P	6P	3P	6P	3P	6P	3P	6P
100/100 V	20	25	25	35	50	75	100	150	200	300
110/100 V	20	25	25	35	50	75	100	150	200	300
115/100 V	20	25	25	35	50	75	100	150	200	300
220/100 V	20	25	25	35	50	75	100	150	200	300
230/100 V	20	25	25	35	50	75	100	150	200	300
380/100 V	20	25	25	35	50	75	100	150	200	300
400/100 V	20	25	25	35	50	75	100	150	200	300
440/100 V	20	25	25	35	50	75	100	150	200	300
500/100 V	20	25	25	35	50	75	100	150	200	300
600/100 V	20	25	25	35	50	75	100	150	200	300
800/100 V					50	75	100	150	200	300
1000/100 V					50	75	100	150	200	300
100:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
110:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
115:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
220:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
230:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
380:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
400:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
440:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
500:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
600:√3/100:√3 V	10	12	12	15	20	30	50	75	100	150
800:√3/100:√3 V					20	30	50	75	100	150
1000:√3/100:√3 V					20	30	50	75	100	150



**EAC**  
Kz - Kazakhstan

**DATI TECNICI - Technical data**

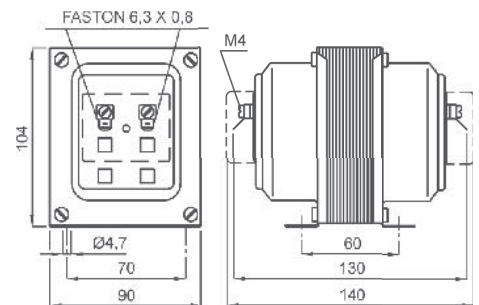
custodia in materiale termoplastico autoestinguente	self extinguishing thermoplastic material	UL94-V0
frequenza funzionamento	operating frequency	50÷60 Hz
tensione di riferimento per l'isolamento	insulation reference voltage	0,72 kV
tensione di prova	test voltage	3 kV x 1' 50 Hz
isolamento	insulation	classe E
grado di protezione	protection degree	IP 00
grado di protezione con coprimorsetti	protection degree with terminal covers	IP 20
fattore di tensione	rated voltage factor	1,9 continuativo / continuous
potenza termica	thermal power	6 volte prestazione nominale 6 times of rated burden
temperatura di funzionamento	operating temperature	-25 +50 °C
temperatura di magazzino	storage temperature	-40 +80 °C
costruzione a norme	manufactured according to	IEC/EN 61869-1 IEC/EN 61869-3

**TIPO - Type**

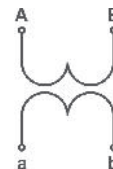
**DIMENSIONI - Dimensions**

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100/100V	20	TTV007100KCO	25	TTV007100LCO
110/100V	20	TTV007110KCO	25	TTV007110LCO
115/100V	20	TTV007115KCO	25	TTV007115LCO
220/100V	20	TTV007220KCO	25	TTV007220LCO
230/100V	20	TTV007230KCO	25	TTV007230LCO
380/100V	20	TTV007380KCO	25	TTV007380LCO
400/100V	20	TTV007400KCO	25	TTV007400LCO
440/100V	20	TTV007440KCO	25	TTV007440LCO
500/100V	20	TTV007500KCO	25	TTV007500LCO
600/100V	20	TTV007600KCO	25	TTV007600LCO

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100:√3/100:√3V	10	TTV007100TCO	12	TTV007100SCO
110:√3/100:√3V	10	TTV007110TCO	12	TTV007110SCO
115:√3/100:√3V	10	TTV007115TCO	12	TTV007115SCO
220:√3/100:√3V	10	TTV007220TCO	12	TTV007220SCO
230:√3/100:√3V	10	TTV007230TCO	12	TTV007230SCO
380:√3/100:√3V	10	TTV007380TCO	12	TTV007380SCO
400:√3/100:√3V	10	TTV007400TCO	12	TTV007400SCO
440:√3/100:√3V	10	TTV007440TCO	12	TTV007440SCO
500:√3/100:√3V	10	TTV007500TCO	12	TTV007500SCO
600:√3/100:√3V	10	TTV007600TCO	12	TTV007600SCO



kg 1,6



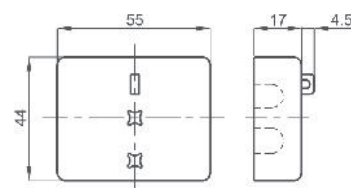
Segnatura morsetti primario e secondario  
Primary and secondary connections marking

E' possibile realizzare trasformatori con rapporti differenti rispetto a quelli indicati  
Different transformers ratios, available on request

**NOTE - Note**

ACCESSORI IN DOTAZIONE  
- Serrafilo con faston 6,3x0,8mm per primario e secondario  
SUPPLIED ACCESSORIES  
- clamping terminals with faston 6,3x0,8mm for primary and secondary

**OPZIONI - OPTIONS**



- Coppia coprimorsetti / Terminals cover (2 pieces) cod. 9SBMCTV
- Coppia coprimorsetti sigillabile/ Sealable terminals cover(2 pieces) cod. 9SBMCTVS



**EAC**  
**Kz - Kazakhstan**

**DATI TECNICI - Technical data**

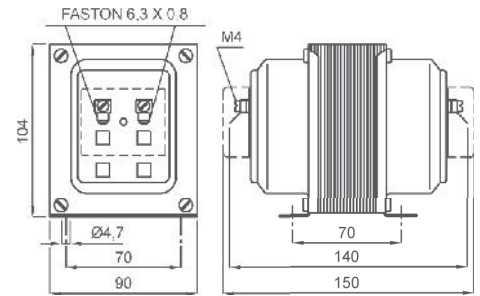
custodia in materiale termoplastico autoestinguente	self extinguishing thermoplastic material	UL94-V0
frequenza funzionamento	operating frequency	50÷60 Hz
tensione di riferimento per l'isolamento	insulation reference voltage	0,72 kV
tensione di prova	test voltage	3 kV x 1'50 Hz
isolamento	insulation	classe E
grado di protezione	protection degree	IP 00
grado di protezione con coprimorsetti	protection degree with terminal covers	IP 20
fattore di tensione	rated voltage factor	1,9 continuativo / continuous
potenza termica	thermal power	6 volte prestazione nominale 6 times of rated burden
temperatura di funzionamento	operating temperature	-25 +50 °C
temperatura di magazzino	storage temperature	-40 +80 °C
costruzione a norme	manufactured according to	IEC/EN 61869-1 IEC/EN 61869-3

**TIPO - Type**

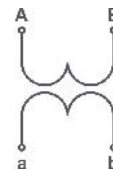
**DIMENSIONI - Dimensions**

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100/100 V	25	TTV010100KCO	35	TTV010100LCO
110/100 V	25	TTV010110KCO	35	TTV010110LCO
115/100 V	25	TTV010115KCO	35	TTV010115LCO
220/100 V	25	TTV010220KCO	35	TTV010220LCO
230/100 V	25	TTV010230KCO	35	TTV010230LCO
380/100 V	25	TTV010380KCO	35	TTV010380LCO
400/100 V	25	TTV010400KCO	35	TTV010400LCO
440/100 V	25	TTV010440KCO	35	TTV010440LCO
500/100 V	25	TTV010500KCO	35	TTV010500LCO
600/100 V	25	TTV010600KCO	35	TTV010600LCO

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100:√3/100:√3 V	12	TTV010100TCO	15	TTV010100SCO
110:√3/100:√3 V	12	TTV010110TCO	15	TTV010110SCO
115:√3/100:√3 V	12	TTV010115TCO	15	TTV010115SCO
220:√3/100:√3 V	12	TTV010220TCO	15	TTV010220SCO
230:√3/100:√3 V	12	TTV010230TCO	15	TTV010230SCO
380:√3/100:√3 V	12	TTV010380TCO	15	TTV010380SCO
400:√3/100:√3 V	12	TTV010400TCO	15	TTV010400SCO
440:√3/100:√3 V	12	TTV010440TCO	15	TTV010440SCO
500:√3/100:√3 V	12	TTV010500TCO	15	TTV010500SCO
600:√3/100:√3 V	12	TTV010600TCO	15	TTV010600SCO



kg 2,9



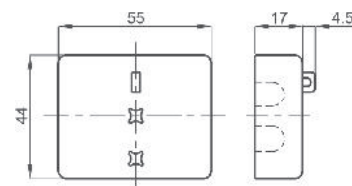
Segnatura morsetti primario e secondario  
Primary and secondary connections marking

E' possibile realizzare trasformatori con rapporti differenti rispetto a quelli indicati  
Different transformers ratios, available on request

**NOTE - Note**

ACCESSORI IN DOTAZIONE  
- Serrafilo con faston 6,3x0,8mm per primario e secondario  
SUPPLIED ACCESSORIES  
- clamping terminals with faston 6,3x0,8mm for primary and secondary

**OPZIONI - OPTIONS**



- Coppia coprimorsetti / Terminals cover (2 pieces) cod. 9SBMCTV
- Coppia coprimorsetti sigillabile/ Sealable terminals cover(2 pieces) cod. 9SBMCTVS



**EAC**  
**Kz - Kazakhstan**

**DATI TECNICI - Technical data**

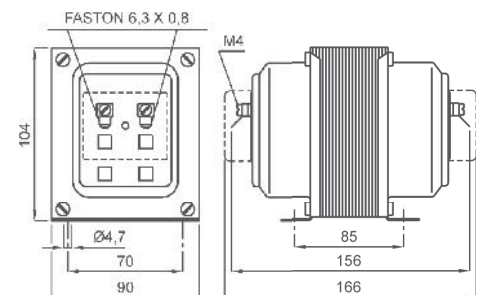
custodia in materiale termoplastico autoestinguente	self extinguishing thermoplastic material	UL94-V0
frequenza funzionamento	operating frequency	50÷60 Hz
tensione di riferimento per l'isolamento	insulation reference voltage	0,72 kV
tensione di prova	test voltage	3 kV x 1'50 Hz
isolamento	insulation	classe E
grado di protezione	protection degree	IP 00
grado di protezione con coprimorsetti	protection degree with terminal covers	IP 20
fattore di tensione	rated voltage factor	1,9 continuativo / continuous
potenza termica	thermal power	6 volte prestazione nominale 6 times of rated burden
temperatura di funzionamento	operating temperature	-25 +50 °C
temperatura di magazzino	storage temperature	-40 +80 °C
costruzione a norme	manufactured according to	IEC/EN 61869-1 IEC/EN 61869-3

**TIPO - Type**

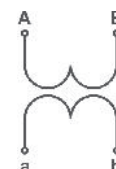
**DIMENSIONI - Dimensions**

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100/100V	50	TTV020100KCO	75	TTV020100LCO
110/100V	50	TTV020110KCO	75	TTV020110LCO
115/100V	50	TTV020115KCO	75	TTV020115LCO
220/100V	50	TTV020220KCO	75	TTV020220LCO
230/100V	50	TTV020230KCO	75	TTV020230LCO
380/100V	50	TTV020380KCO	75	TTV020380LCO
400/100V	50	TTV020400KCO	75	TTV020400LCO
440/100V	50	TTV020440KCO	75	TTV020440LCO
500/100V	50	TTV020500KCO	75	TTV020500LCO
600/100V	50	TTV020600KCO	75	TTV020600LCO
800/100V	50	TTV020800KCO	75	TTV020800LCO
1000/100V	50	TTV0201K0KCO	75	TTV0201K0LCO

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100:√3/100:√3 V	20	TTV020100TCO	30	TTV020100SCO
110:√3/100:√3 V	20	TTV020110TCO	30	TTV020110SCO
115:√3/100:√3 V	20	TTV020115TCO	30	TTV020115SCO
220:√3/100:√3 V	20	TTV020220TCO	30	TTV020220SCO
230:√3/100:√3 V	20	TTV020230TCO	30	TTV020230SCO
380:√3/100:√3 V	20	TTV020380TCO	30	TTV020380SCO
400:√3/100:√3 V	20	TTV020400TCO	30	TTV020400SCO
440:√3/100:√3 V	20	TTV020440TCO	30	TTV020440SCO
500:√3/100:√3 V	20	TTV020500TCO	30	TTV020500SCO
600:√3/100:√3 V	20	TTV020600TCO	30	TTV020600SCO
800:√3/100:√3 V	20	TTV020800TCO	30	TTV020800SCO
1000:√3/100:√3 V	20	TTV0201K0TCO	30	TTV0201K0SCO



kg 3,8



Segnatura morsetti primario e secondario  
Primary and secondary connections marking

E' possibile realizzare trasformatori con rapporti differenti rispetto a quelli indicati  
Different transformers ratios, available on request

**NOTE - Note**

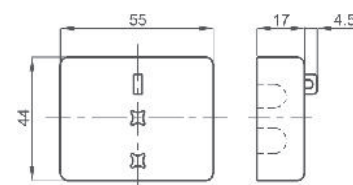
**ACCESSORI IN DOTAZIONE**

- Serrafilo con faston 6,3x0,8mm per primario e secondario

**SUPPLIED ACCESSORIES**

- clamping terminals with faston 6,3x0,8mm for primary and secondary

**OPZIONI - OPTIONS**



- Coppia coprimorsetti / Terminals cover (2 pieces)

cod. 9SBMCTV

- Coppia coprimorsetti sigillabile/ Sealable terminals cover(2 pieces)

cod. 9SBMCTVS



**EAC**  
**Kz - Kazakhstan**

**DATI TECNICI - Technical data**

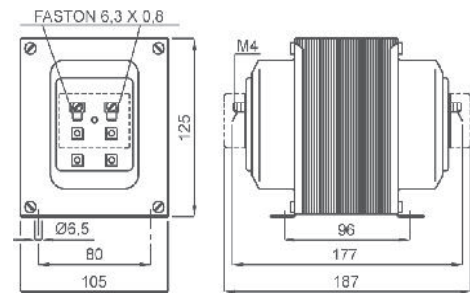
materiale custodia	case material	metallica / metal
frequenza funzionamento	operating frequency	50÷60 Hz
tensione di riferimento per l'isolamento	insulation reference voltage	0,72 kV
tensione di prova	test voltage	3 kV x 1'50 Hz
isolamento	insulation	classe E
grado di protezione	protection degree	IP 00
grado di protezione con coprimorsetti	protection degree with terminal covers	IP 20
fattore di tensione	rated voltage factor	1,9 continuativo / continuous
potenza termica	thermal power	6 volte prestazione nominale 6 times of rated burden
temperatura di funzionamento	operating temperature	-25 +50 °C
temperatura di magazzino	storage temperature	-40 +80 °C
costruzione a norme	manufactured according to	IEC/EN 61869-1 IEC/EN 61869-3

**TIPO - Type**

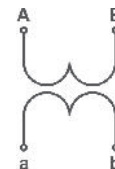
**DIMENSIONI - Dimensions**

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100/100V	100	TTV050100KCO	150	TTV050100LCO
110/100V	100	TTV050110KCO	150	TTV050110LCO
115/100V	100	TTV050115KCO	150	TTV050115LCO
220/100V	100	TTV050220KCO	150	TTV050220LCO
230/100V	100	TTV050230KCO	150	TTV050230LCO
380/100V	100	TTV050380KCO	150	TTV050380LCO
400/100V	100	TTV050400KCO	150	TTV050400LCO
440/100V	100	TTV050440KCO	150	TTV050440LCO
500/100V	100	TTV050500KCO	150	TTV050500LCO
600/100V	100	TTV050600KCO	150	TTV050600LCO
800/100V	100	TTV050800KCO	150	TTV050800LCO
1000/100V	100	TTV0501K0KCO	150	TTV0501K0LCO

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100:√3/100:√3 V	50	TTV050100TCO	75	TTV050100SCO
110:√3/100:√3 V	50	TTV050110TCO	75	TTV050110SCO
115:√3/100:√3 V	50	TTV050115TCO	75	TTV050115SCO
220:√3/100:√3 V	50	TTV050220TCO	75	TTV050220SCO
230:√3/100:√3 V	50	TTV050230TCO	75	TTV050230SCO
380:√3/100:√3 V	50	TTV050380TCO	75	TTV050380SCO
400:√3/100:√3 V	50	TTV050400TCO	75	TTV050400SCO
440:√3/100:√3 V	50	TTV050440TCO	75	TTV050440SCO
500:√3/100:√3 V	50	TTV050500TCO	75	TTV050500SCO
600:√3/100:√3 V	50	TTV050600TCO	75	TTV050600SCO
800:√3/100:√3 V	50	TTV050800TCO	75	TTV050800SCO
1000:√3/100:√3 V	50	TTV0501K0TCO	75	TTV0501K0SCO



kg 6



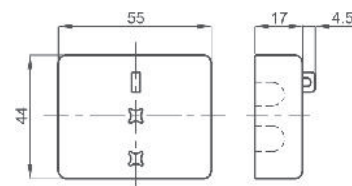
Segnatura morsetti primario e secondario  
Primary and secondary connections marking

E' possibile realizzare trasformatori con rapporti differenti rispetto a quelli indicati  
Different transformers ratios, available on request

**NOTE - Note**

ACCESSORI IN DOTAZIONE  
- Serrafilo con faston 6,3x0,8mm per primario e secondario  
SUPPLIED ACCESSORIES  
- clamping terminals with faston 6,3x0,8mm for primary and secondary

**OPZIONI - OPTIONS**



- Coppia coprimorsetti / Terminals cover (2 pieces) cod. 9SBMCTV
- Coppia coprimorsetti sigillabile/ Sealable terminals cover(2 pieces) cod. 9SBMCTVS



**EAC**  
**Kz - Kazakhstan**

**DATI TECNICI - Technical data**

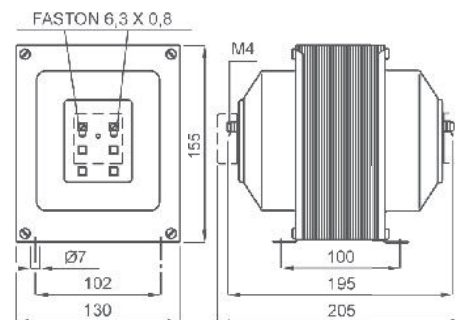
materiale custodia	case material	metallica / metal
frequenza funzionamento	operating frequency	50÷60 Hz
tensione di riferimento per l'isolamento	insulation reference voltage	0,72 kV
tensione di prova	test voltage	3 kV x 1'50 Hz
isolamento	insulation	classe E
grado di protezione	protection degree	IP 00
grado di protezione con coprimorsetti	protection degree with terminal covers	IP 20
fattore di tensione	rated voltage factor	1,9 continuativo / continuous
potenza termica	thermal power	6 volte prestazione nominale 6 times of rated burden
temperatura di funzionamento	operating temperature	-25 +50 °C
temperatura di magazzino	storage temperature	-40 +80 °C
costruzione a norme	manufactured according to	IEC/EN 61869-1 IEC/EN 61869-3

**TIPO - Type**

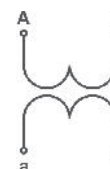
**DIMENSIONI - Dimensions**

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100/100V	200	TTV100100KCO	300	TTV100100LCO
110/100V	200	TTV100110KCO	300	TTV100110LCO
115/100V	200	TTV100115KCO	300	TTV100115LCO
220/100V	200	TTV100220KCO	300	TTV100220LCO
230/100V	200	TTV100230KCO	300	TTV100230LCO
380/100V	200	TTV100380KCO	300	TTV100380LCO
400/100V	200	TTV100400KCO	300	TTV100400LCO
440/100V	200	TTV100440KCO	300	TTV100440LCO
500/100V	200	TTV100500KCO	300	TTV100500LCO
600/100V	200	TTV100600KCO	300	TTV100600LCO
800/100V	200	TTV100800KCO	300	TTV100800LCO
1000/100V	200	TTV1001K0KCO	300	TTV1001K0LCO

Rapporto Ratio	Codice - Code			
	VA	Cl. 3P	VA	Cl. 6P
100:√3/100:√3 V	100	TTV100100TCO	150	TTV100100SCO
110:√3/100:√3 V	100	TTV100110TCO	150	TTV100110SCO
115:√3/100:√3 V	100	TTV100115TCO	150	TTV100115SCO
220:√3/100:√3 V	100	TTV100220TCO	150	TTV100220SCO
230:√3/100:√3 V	100	TTV100230TCO	150	TTV100230SCO
380:√3/100:√3 V	100	TTV100380TCO	150	TTV100380SCO
400:√3/100:√3 V	100	TTV100400TCO	150	TTV100400SCO
440:√3/100:√3 V	100	TTV100440TCO	150	TTV100440SCO
500:√3/100:√3 V	100	TTV100500TCO	150	TTV100500SCO
600:√3/100:√3 V	100	TTV100600TCO	150	TTV100600SCO
800:√3/100:√3 V	100	TTV100800TCO	150	TTV100800SCO
1000:√3/100:√3 V	100	TTV1001K0TCO	150	TTV1001K0SCO



kg 8



Segnaletica morsetti primario e secondario  
Primary and secondary connections marking

E' possibile realizzare trasformatori con rapporti differenti rispetto a quelli indicati  
Different transformers ratios, available on request

**NOTE - Note**

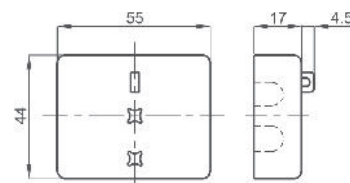
**ACCESSORI IN DOTAZIONE**

- Serrafilo con faston 6,3x0,8mm per primario e secondario

**SUPPLIED ACCESSORIES**

- clamping terminals with faston 6,3x0,8mm for primary and secondary

**OPZIONI - OPTIONS**



- Coppia coprimorsetti / Terminals cover (2 pieces)

cod. 9SBMCTV

- Coppia coprimorsetti sigillabile/ Sealable terminals cover(2 pieces)

cod. 9SBMCTVS