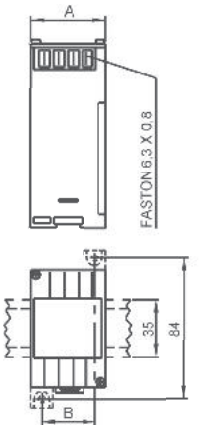
DATI TECNICI - *Technical data*

classe di precisione	*accuracy class*	1
campo di ingresso	*input range*	20...120% In
tempo di risposta	*response time*	<200msec
ondulazione residua	*residual ripple*	<1%p.p.
sovraccarico permanente	*continuous overload*	1,2 Un
sovraccarico di breve durarta	*short-time overload*	2 Un (300msec)
frequenza di riferimento	*reference frequency*	50 o/*or* 60 Hz
consumo circuiti di tensione	*voltage circuits consumption*	< 3VA
temperatura di funzionamento	*operating temperature*	–10...0...+45...+50°C
temperatura di magazzinaggio	*storage temperature*	–30...+70°C
custodia in materiale	*self estinguishing*	
termoplastico autoestinguente	*thermoplastic material*	UL 94-V0
isolamento galvanico	*galvanic insulation*	completo/*full*
categoria di sovratensione	*overvoltage category*	CAT III 300V, CAT II 600V P.D. 2
conforme a	*according to*	EN 60688

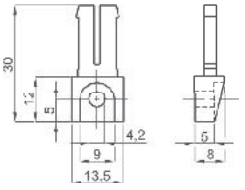
TIPO - *Type*

Descrizione - *Description*	**Codice - *Code***	Vecchio Codice - *Old Code*
1 Ingresso / 1 Uscita *1 Input / 1 Output*	**MSOVS1...**	MCOEV
3 Ingressi / 3 Uscite *3 Inputs / 3 Outputs*	**MSOVS3...**	MCOV3
3 Ingressi F-F / 3 Uscite *3 Inputs F-F / 3 Outputs*	**MSOVD3...**	MCOD3
3 Ingressi F-N / 3 Uscite *3 Inputs F-N / 3 Outputs*	**MSOVT3...**	MCOT3

DIMENSIONI - *Dimensions*



Codice - *Code*	**A**	**B**	**kg**
MSOVS1	45	32	0,15
Altri tipi - *Other types*	100	87	0,75



OPZIONE - Piedini di fissaggio
cod. **9SBMPDC**

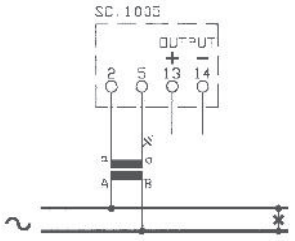
OPTION - Fixing feet
cod. ***9SBMPDC***

CODICE DI ORDINAZIONE - *Ordering code*

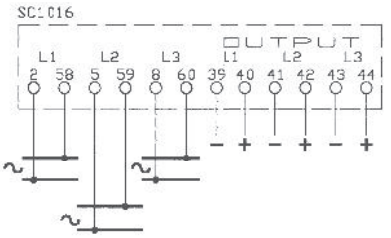
CONVERTITORE DI TENSIONE - *VOLTAGE TRANSDUCER*		MSO___	___	X	__	A
N° e tipo ingressi/uscite - *Input/output type & No*	Vedere tabella a lato - *See table on the side*	**MSOV__**				
Ingresso - *Input :*	0-100: √3V (57,7V)		**577**			
	0-110: √3V (63,5V)		**635**			
	0-100 V		**100**			
	0-110 V		**110**			
	0-230 V		**230**			
	0-300 V		**300**			
	0-400 V		**400**			
	0-440 V		**440**			
	0-500 V		**500**			
Uscita - *Output:*	0-5mA (2kΩ)				**05**	
	0-20mA (500Ω)				**20**	
	0-10V (>2kΩ)				**0D**	
Alimentazione - *Aux. supply voltage:*	Autoalimentato - *Self-supplied*					**A**

Nota: per valori differenti da quelli indicati in tabella contattare FRER per verifica fattibilità
Note: *please contact FRER to verify the feasibility in case of different values than the ones indicated in the table*

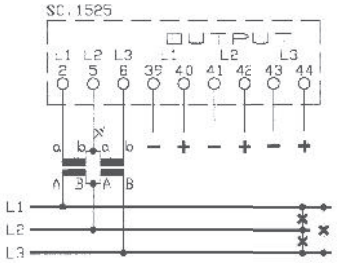
SCHEMI DI INSERZIONE - *Wiring diagrams*



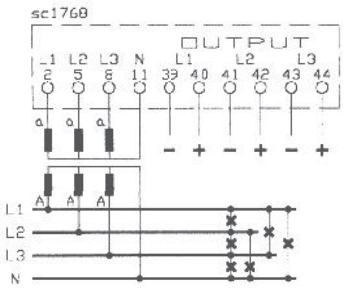
MSOVS1...



MSOVS3...



MSOVD3...



MSOVT3...