



WATTMETERI E VARMETRI 90° CON CONVERTITORE SEPARATO

90° Watt/var Meters with separate accessory transducer

F...W/R



UKRMETR TEST
STANDARD

EAC

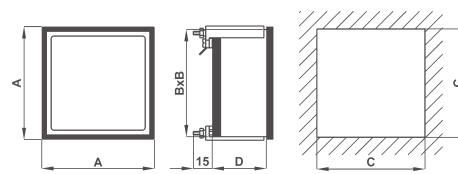
DATI TECNICI - Technical data

autoconsumo amperometrico	rated burden (A)	0,5VA (range 5A)
autoconsumo voltmetrico	rated burden (V)	3VA (range 100V)
campo di ingresso	input range	90÷110% Un
sovraccarico permanente	continuous overload	1,2 Un; 1,2 In
sovraccarico istantaneo	instantaneous overload	2 Un; 10 In
precisione	accuracy	1,5%
alimentazione	power supply	autoalimentato/self-supplied
temperatura di funzionamento	operating temperature	-25 +50 °C
temperatura di immagazzinaggio	storage temperature	-40 +80 °C
grado di protezione custodia	protection for housing	IP52
grado di protezione morsetti	protection for terminals	IP00
costruzione a norme	manufactured according to	CEI-DIN-VDE-IEC
ACCESSORIO CONVERTITORE	ACCESSORY TRANSDUCER	
corrente nominale di uscita	nominal output current	1mA (max. 2kΩ)
custodia in materiale	self extinguishing	
termoplastico autoestinguente	thermoplastic material	UL 94-V0
categoria di sovratensione	overvoltage category	CAT III 300V, CAT II 600V
conforme a	according to	EN 60688

CODICI DI ORDINAZIONE - Ordering codes

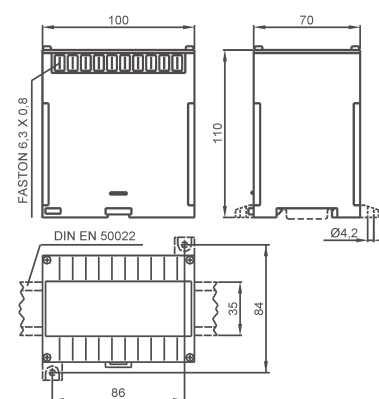
WATTMETERI/VARMETRI - WATT/VAR METERS		F			X			
Dimensioni - Dimension:	48x48mm	F48						
	72x72mm	F72						
	96x96mm	F96						
	144x144mm *	F14						
Unità - Unit:	W	W						
	VAR	R						
Sistema - System:	Monofase - Single-phase			S				
	Trifase 3 fili carico equilibrato 3-Phase 3 wires balanced load			Y				
	Trifase 4 fili carico equilibrato 3-Phase 4 wires balanced load			N				
	Trifase 3 fili carico squilibrato 3-Phase 3 wires unbalanced load			D				
	Trifase 4 fili carico squilibrato 3-Phase 4 wires unbalanced load			T				
Scala - Scale:	da precisare - to be specified					YYY		
Posizione zero - Zero position:	Laterale - Lateral (standard)					X		
	Centrale - Central					Z		
	Spostato - Offset zero					L		
Ingressi - Inputs:	100÷115 V - 1 A	Rapporti TA e TV da precisare - CT and VT ratio to be specified				C1		
	100÷115 V - 5 A	Rapporti TA e TV da precisare - CT and VT ratio to be specified				C5		
	220÷240 V - 1 A	Rapporto TA da precisare - CT ratio to be specified				D1		
	220÷240 V - 5 A	Rapporto TA da precisare - CT ratio to be specified				D5		
	380÷440 V - 1 A	Rapporto TA da precisare - CT ratio to be specified				Q1		
	380÷440 V - 5 A	Rapporto TA da precisare - CT ratio to be specified				Q5		

DIMENSIONI - Dimensions



Code	A	B	C	D	kg
F48	48	44	45	46	0.150
F72	72	67	68	46	0.200
F96	96	91	92	46	0.250
F14	144	137	138	46	0.450

* Cod. F14 - scala fissa / not interchangeable scale

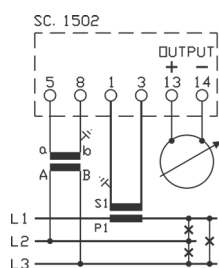
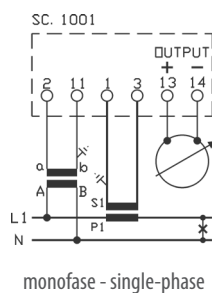


Accessorio convertitore - Accessory transducer

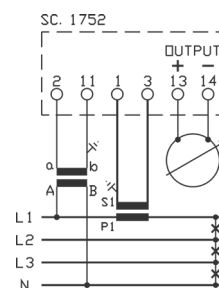
SCALE STANDARD - STANDARD SCALES

1	1,2	1,5	2	2,5	3	4	5	6	8
10	12	15	20	25	30	40	50	60	80
100	120	150	200	250	300	400	500	600	800
1000	1200	1500	valori differenti - cod. sovrapprezzo: OPTA3Y different values - extraprice code: OPTA3Y						

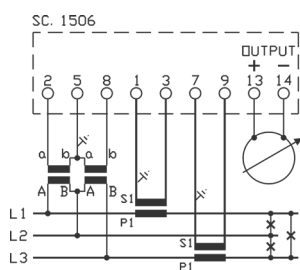
SCHEMI DI INSERZIONE - Wiring diagrams



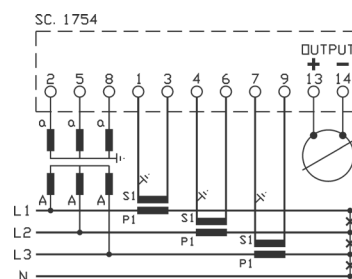
trifase tre fili carico equilibrato - three-phase three wires balanced load



trifase quattro fili carico equilibrato - three-phase four wires balanced load



trifase tre fili carico squilibrato - three-phase three wires unbalanced load



trifase quattro fili carico squilibrato - three-phase four wires unbalanced load

Opzioni? Vedi pagina n° 10. 82
Options? see at page 10.82

