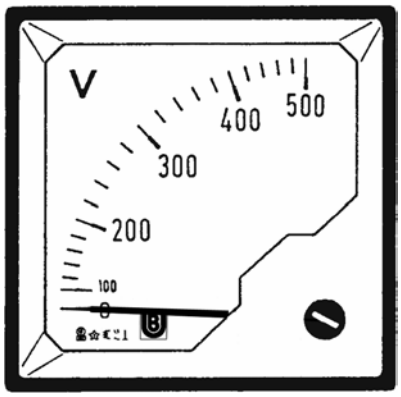
A.C. Ammeter and Voltmeter



Amperometri e Voltmetri A.C. - Scala 90°
AEX line - Elettromagnetici

- **Strumenti con ampiezza scala : 90°**
- **Precisione : ± 1.5% del valore di fondo scala**
- **Equipaggio : elettromagnetico**
- **Tensione di esercizio : 600V RMS max**
- **Risposta in frequenza : 45...65Hz**
- **Norme : CEI-219, VDE 0410, BS89 e IEC51**

- ***Instruments with scale: 90°***
- ***Accuracy : ± 1.5% on full scale value***
- ***Movement : moving-iron***
- ***Rated voltage : 600V RMS max***
- ***Operating frequency : 45...65Hz***
- ***Standard : CEI-219, VDE 0410, BS89 e IEC51***

AMMETERS

Input	*Code IN*			*Input*	*Code IN*			*Dimensions*		
Direct	**IN**	**2 IN**	**5 IN**	Via C.T./5	**IN**	**2 IN**	**5 IN**	**48**	**72**	**96**
1	**01**	**11**	**21**	10	**31**	**46**	**61**	**y**	**y**	**y**
1.5	**02**	**12**	**22**	15	**32**	**47**	**62**	**y**	**y**	**y**
2.5	**03**	**13**	**23**	25	**33**	**48**	**63**	**y**	**y**	**y**
4	**04**	**14**	**24**	40	**34**	**49**	**64**	**y**	**y**	**y**
5	**05**	**15**	**25**	50	**35**	**50**	**65**	**y**	**y**	**y**
6	**06**	**16**	**26**	60	**36**	**51**	**66**	**y**	**y**	**y**
10	**07**	**17**	**27**	100	**37**	**52**	**67**	**y**	**y**	**y**
15	**08**	**18**	**28**	150	**38**	**53**	**68**	**y**	**y**	**y**
25	**09**	**19**	**29**	250	**39**	**54**	**69**		**y**	**y**
40	**10**	**20**	**30**	400	**40**	**55**	**70**		**y**	**y**
				600	**41**	**56**	**71**		**y**	**y**
				1000	**42**	**57**	**72**		**y**	**y**

VOLTMETERS

Input	*Code IN*	*Input*		*Code IN*	*Dimensions*		
Direct		Via V.T. /100	f.s.v.		**48**	**72**	**96**
15	**81**				**y**	**y**	**y**
30	**82**				**y**	**y**	**y**
60	**83**				**y**	**y**	**y**
100	**84**				**y**	**y**	**y**
150	**85**	220	300	**90**	**y**	**y**	**y**
300	**86**	380	500	**91**	**y**	**y**	**y**
500	**87**	500	600	**92**	**y**	**y**	**y**
600	**88**	1KV	1.2kV	**93**	**y**	**y**	**y**
		6KV	8kV	**94**	**y**	**y**	**y**
		10KV	12kV	**95**	**y**	**y**	**y**
		15KV	20kV	**96**	**y**	**y**	**y**
		20KV	24kV	**97**	**y**	**y**	**y**

Note. IN = scala normale (Normal scale). **2 IN** = scala estesa *(Overload scale)*. **5 IN** = scala molto estesa *(High Overload scale)*

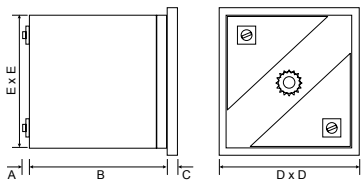
Caratteristiche generali

Dimensioni **(48)**: D = 48x48, E = 44x44
A+B+C = 65mm, foratura 44,5x44,5mm
Dimensioni **(72)**: D = 72x72, E = 66x66
A+B+C = 82mm, foratura 67x67mm
Dimensioni **(96)**:D = 96x96, E= 90x90
A+B+C = 82mm, foratura 91x91mm
Autoconsumo amperometri : 0,8VA circa (5A)
Autoconsumo voltmetri : 2,5VA circa (100V)
Tensione di prova : 2 kV per 1 minuto a 50 Hz
Custodia : DIN 43700, bianco
Frontale : DIN 43718 nero
Quadrante : DIN 43802
Temperatura di funzionamento : -20...+50°
Protezione frontale: IP52
Protezione morsetti: IP20

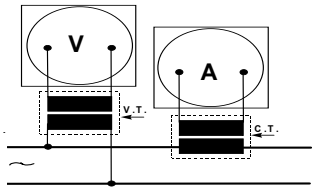
General specifications

*Dimensions **(48)**: D = 48x48, E = 44x44*
A+B+C = 65mm, panel cutout 44,5x44,5mm
*Dimensions **(72)**: D = 72x72, E = 66x66*
A+B+C = 82mm, panel cutout 67x67mm
*Dimensions **(96)**: D = 96x96, E= 90x90*
A+B+C = 82mm, panel cutout 91x91mm
Self-consumption current : 0,8VA app. (5A)
Self-consumption voltmeter : 2,5VA app. (100V)
Test voltage : 2 kV for 1' at 50 Hz
Case : DIN 43700, white
Front : DIN 43718 black
Scale : DIN 43802
Operating temperature : -20...+50°
Front protection: IP52
Terminal protection: IP20

Dimensions



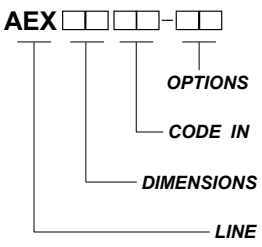
Connection diagram



Opzioni

		Option
Senza opzioni	**00**	*Without options*
Esecuzione neutra	**11**	*Neutral execution*
Esecuzione personalizzata	**12**	*Custom design*
Unità ingegneristica non standard	**13**	*Non standard engineering unit*
Certificato di conformità	**95**	*Conformity certificate*
Certificato di calibrazione Binding Union	**99**	*Binding Union calibration certificate*

Ordering guide



Esempio di ordinazione: AEX720700
Amperometro, dimensione 72x72, ingresso 10A diretti, scala normale, versione base

Order code example: AEX720700
Ammeter, dimensions 72x72, input 10A direct, normal scale, basic version