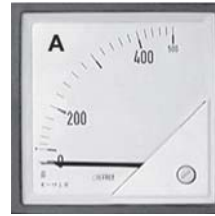


# AC 90° scale ammeters



TYPE	F48EA	F72EA	F96EA	F14EA
SIZE	48 x 48 mm	72 x 72 mm	96 x 96 mm	144 x 144 mm
SCALE	90° (interchangeable)	90° (interchangeable)	90° (interchangeable)	90° (not interchangeable)
CLASS	1,5%	1,5%	1,5%	1,5%

## DIRECT INPUT

RANGE	CODE	PRICE	CODE	PRICE	CODE	PRICE	CODE	PRICE
1 A	F48EAX001		F72EAX001		F96EAX001		F14EAX001	
5 A	F48EAX005		F72EAX005		F96EAX005		F14EAX005	
10 A	F48EAX010		F72EAX010		F96EAX010		F14EAX010	
15 A	F48EAX015		F72EAX015		F96EAX015		F14EAX015	
20 A	F48EAX020		F72EAX020		F96EAX020		F14EAX020	
25 A	F48EAX025		F72EAX025		F96EAX025		F14EAX025	
30 A	F48EAX030		F72EAX030		F96EAX030		F14EAX030	
40 A	F48EAX040		F72EAX040		F96EAX040		F14EAX040	
50 A			F72EAX050		F96EAX050		F14EAX050	
60 A			F72EAX060		F96EAX060		F14EAX060	
80 A			F72EAX080		F96EAX080		F14EAX080	
100 A			F72EAX100		F96EAX100		F14EAX100	

For overload scales at **2In** or **5In** add "D" or "C" to the end of the table code (ex. F96EAX015D, F72EAX050C). Price remain the same

## CT INPUT

RANGE	CODE		CODE		CODE		CODE	
	CT / 5A	CT / 1A	CT / 5A	CT / 1A	CT / 5A	CT / 1A	CT / 5A	CT / 1A
10 A	F48EAX010X05	F48EAX010X01	F72EAX010X05	F72EAX010X01	F96EAX010X05	F96EAX010X01	F14EAX010X05	F14EAX010X01
15 A	F48EAX015X05	F48EAX015X01	F72EAX015X05	F72EAX015X01	F96EAX015X05	F96EAX015X01	F14EAX015X05	F14EAX015X01
20 A	F48EAX020X05	F48EAX020X01	F72EAX020X05	F72EAX020X01	F96EAX020X05	F96EAX020X01	F14EAX020X05	F14EAX020X01
25 A	F48EAX025X05	F48EAX025X01	F72EAX025X05	F72EAX025X01	F96EAX025X05	F96EAX025X01	F14EAX025X05	F14EAX025X01
30 A	F48EAX030X05	F48EAX030X01	F72EAX030X05	F72EAX030X01	F96EAX030X05	F96EAX030X01	F14EAX030X05	F14EAX030X01
40 A	F48EAX040X05	F48EAX040X01	F72EAX040X05	F72EAX040X01	F96EAX040X05	F96EAX040X01	F14EAX040X05	F14EAX040X01
50 A	F48EAX050X05	F48EAX050X01	F72EAX050X05	F72EAX050X01	F96EAX050X05	F96EAX050X01	F14EAX050X05	F14EAX050X01
60 A	F48EAX060X05	F48EAX060X01	F72EAX060X05	F72EAX060X01	F96EAX060X05	F96EAX060X01	F14EAX060X05	F14EAX060X01
80 A	F48EAX080X05	F48EAX080X01	F72EAX080X05	F72EAX080X01	F96EAX080X05	F96EAX080X01	F14EAX080X05	F14EAX080X01
100 A	F48EAX100X05	F48EAX100X01	F72EAX100X05	F72EAX100X01	F96EAX100X05	F96EAX100X01	F14EAX100X05	F14EAX100X01
120 A	F48EAX120X05	F48EAX120X01	F72EAX120X05	F72EAX120X01	F96EAX120X05	F96EAX120X01	F14EAX120X05	F14EAX120X01
150 A	F48EAX150X05	F48EAX150X01	F72EAX150X05	F72EAX150X01	F96EAX150X05	F96EAX150X01	F14EAX150X05	F14EAX150X01
200 A	F48EAX200X05	F48EAX200X01	F72EAX200X05	F72EAX200X01	F96EAX200X05	F96EAX200X01	F14EAX200X05	F14EAX200X01
250 A	F48EAX250X05	F48EAX250X01	F72EAX250X05	F72EAX250X01	F96EAX250X05	F96EAX250X01	F14EAX250X05	F14EAX250X01
300 A	F48EAX300X05	F48EAX300X01	F72EAX300X05	F72EAX300X01	F96EAX300X05	F96EAX300X01	F14EAX300X05	F14EAX300X01
400 A	F48EAX400X05	F48EAX400X01	F72EAX400X05	F72EAX400X01	F96EAX400X05	F96EAX400X01	F14EAX400X05	F14EAX400X01
500 A	F48EAX500X05	F48EAX500X01	F72EAX500X05	F72EAX500X01	F96EAX500X05	F96EAX500X01	F14EAX500X05	F14EAX500X01
600 A	F48EAX600X05	F48EAX600X01	F72EAX600X05	F72EAX600X01	F96EAX600X05	F96EAX600X01	F14EAX600X05	F14EAX600X01
800 A	F48EAX800X05	F48EAX800X01	F72EAX800X05	F72EAX800X01	F96EAX800X05	F96EAX800X01	F14EAX800X05	F14EAX800X01
1000 A	F48EAX1K0X05	F48EAX1K0X01	F72EAX1K0X05	F72EAX1K0X01	F96EAX1K0X05	F96EAX1K0X01	F14EAX1K0X05	F14EAX1K0X01
1200 A	F48EAX1K2X05	F48EAX1K2X01	F72EAX1K2X05	F72EAX1K2X01	F96EAX1K2X05	F96EAX1K2X01	F14EAX1K2X05	F14EAX1K2X01
1500 A	F48EAX1K5X05	F48EAX1K5X01	F72EAX1K5X05	F72EAX1K5X01	F96EAX1K5X05	F96EAX1K5X01	F14EAX1K5X05	F14EAX1K5X01
2k A	F48EAX2K0X05	F48EAX2K0X01	F72EAX2K0X05	F72EAX2K0X01	F96EAX2K0X05	F96EAX2K0X01	F14EAX2K0X05	F14EAX2K0X01
2,5k A	F48EAX2K5X05	F48EAX2K5X01	F72EAX2K5X05	F72EAX2K5X01	F96EAX2K5X05	F96EAX2K5X01	F14EAX2K5X05	F14EAX2K5X01
3k A	F48EAX3K0X05	F48EAX3K0X01	F72EAX3K0X05	F72EAX3K0X01	F96EAX3K0X05	F96EAX3K0X01	F14EAX3K0X05	F14EAX3K0X01
4k A	F48EAX4K0X05	F48EAX4K0X01	F72EAX4K0X05	F72EAX4K0X01	F96EAX4K0X05	F96EAX4K0X01	F14EAX4K0X05	F14EAX4K0X01
5k A	F48EAX5K0X05	F48EAX5K0X01	F72EAX5K0X05	F72EAX5K0X01	F96EAX5K0X05	F96EAX5K0X01	F14EAX5K0X05	F14EAX5K0X01
6k A	F48EAX6K0X05	F48EAX6K0X01	F72EAX6K0X05	F72EAX6K0X01	F96EAX6K0X05	F96EAX6K0X01	F14EAX6K0X05	F14EAX6K0X01
8k A	F48EAX8K0X05	F48EAX8K0X01	F72EAX8K0X05	F72EAX8K0X01	F96EAX8K0X05	F96EAX8K0X01	F14EAX8K0X05	F14EAX8K0X01
10k A	F48EAX10KX05	F48EAX10KX01	F72EAX10KX05	F72EAX10KX01	F96EAX10KX05	F96EAX10KX01	F14EAX10KX05	F14EAX10KX01
PRICE								

For overload scales at **2In** or **5In** replace with "D" or "C" the last "X" of the table code (ex. F96EAX150D05, F72EAX8K0C05). Price remain the same

# Ammeters without scale & spare scales



TYPE	F48EA	F72EA	F96EA
SIZE	48 x 48 mm	72 x 72 mm	96 x 96 mm
SCALE	90°	90°	90°
CLASS	1,5%	1,5%	1,5%

## AMMETER WITHOUT SCALE

END SCALE	CODE		CODE		CODE	
	CT / 5A	CT / 1A	CT / 5A	CT / 1A	CT / 5A	CT / 1A
1 In	F48EAXNSCX05	F48EAXNSCX01	F72EAXNSCX05	F72EAXNSCX01	F96EAXNSCX05	F96EAXNSCX01
2 In	F48EAXNSCD05	F48EAXNSCD01	F72EAXNSCD05	F72EAXNSCD01	F96EAXNSCD05	F96EAXNSCD01
5 In	F48EAXNSCC05	F48EAXNSCC01	F72EAXNSCC05	F72EAXNSCC01	F96EAXNSCC05	F96EAXNSCC01
PRICE						

## SPARE SCALES

RANGE	CODE		CODE		CODE	
	CT / 5A	CT / 1A	CT / 5A	CT / 1A	CT / 5A	CT / 1A
10 A	ZF48EAX010X05	ZF48EAX010X01	ZF72EAX010X05	ZF72EAX010X01	ZF96EAX010X05	ZF96EAX010X01
15 A	ZF48EAX015X05	ZF48EAX015X01	ZF72EAX015X05	ZF72EAX015X01	ZF96EAX015X05	ZF96EAX015X01
20 A	ZF48EAX020X05	ZF48EAX020X01	ZF72EAX020X05	ZF72EAX020X01	ZF96EAX020X05	ZF96EAX020X01
25 A	ZF48EAX025X05	ZF48EAX025X01	ZF72EAX025X05	ZF72EAX025X01	ZF96EAX025X05	ZF96EAX025X01
30 A	ZF48EAX030X05	ZF48EAX030X01	ZF72EAX030X05	ZF72EAX030X01	ZF96EAX030X05	ZF96EAX030X01
40 A	ZF48EAX040X05	ZF48EAX040X01	ZF72EAX040X05	ZF72EAX040X01	ZF96EAX040X05	ZF96EAX040X01
50 A	ZF48EAX050X05	ZF48EAX050X01	ZF72EAX050X05	ZF72EAX050X01	ZF96EAX050X05	ZF96EAX050X01
60 A	ZF48EAX060X05	ZF48EAX060X01	ZF72EAX060X05	ZF72EAX060X01	ZF96EAX060X05	ZF96EAX060X01
80 A	ZF48EAX080X05	ZF48EAX080X01	ZF72EAX080X05	ZF72EAX080X01	ZF96EAX080X05	ZF96EAX080X01
100 A	ZF48EAX100X05	ZF48EAX100X01	ZF72EAX100X05	ZF72EAX100X01	ZF96EAX100X05	ZF96EAX100X01
120 A	ZF48EAX120X05	ZF48EAX120X01	ZF72EAX120X05	ZF72EAX120X01	ZF96EAX120X05	ZF96EAX120X01
150 A	ZF48EAX150X05	ZF48EAX150X01	ZF72EAX150X05	ZF72EAX150X01	ZF96EAX150X05	ZF96EAX150X01
200 A	ZF48EAX200X05	ZF48EAX200X01	ZF72EAX200X05	ZF72EAX200X01	ZF96EAX200X05	ZF96EAX200X01
250 A	ZF48EAX250X05	ZF48EAX250X01	ZF72EAX250X05	ZF72EAX250X01	ZF96EAX250X05	ZF96EAX250X01
300 A	ZF48EAX300X05	ZF48EAX300X01	ZF72EAX300X05	ZF72EAX300X01	ZF96EAX300X05	ZF96EAX300X01
400 A	ZF48EAX400X05	ZF48EAX400X01	ZF72EAX400X05	ZF72EAX400X01	ZF96EAX400X05	ZF96EAX400X01
500 A	ZF48EAX500X05	ZF48EAX500X01	ZF72EAX500X05	ZF72EAX500X01	ZF96EAX500X05	ZF96EAX500X01
600 A	ZF48EAX600X05	ZF48EAX600X01	ZF72EAX600X05	ZF72EAX600X01	ZF96EAX600X05	ZF96EAX600X01
800 A	ZF48EAX800X05	ZF48EAX800X01	ZF72EAX800X05	ZF72EAX800X01	ZF96EAX800X05	ZF96EAX800X01
1000 A	ZF48EAX1K0X05	ZF48EAX1K0X01	ZF72EAX1K0X05	ZF72EAX1K0X01	ZF96EAX1K0X05	ZF96EAX1K0X01
1200 A	ZF48EAX1K2X05	ZF48EAX1K2X01	ZF72EAX1K2X05	ZF72EAX1K2X01	ZF96EAX1K2X05	ZF96EAX1K2X01
1500 A	ZF48EAX1K5X05	ZF48EAX1K5X01	ZF72EAX1K5X05	ZF72EAX1K5X01	ZF96EAX1K5X05	ZF96EAX1K5X01
2k A	ZF48EAK2K0X05	ZF48EAK2K0X01	ZF72EAK2K0X05	ZF72EAK2K0X01	ZF96EAK2K0X05	ZF96EAK2K0X01
2,5k A	ZF48EAK2K5X05	ZF48EAK2K5X01	ZF72EAK2K5X05	ZF72EAK2K5X01	ZF96EAK2K5X05	ZF96EAK2K5X01
3k A	ZF48EAK3K0X05	ZF48EAK3K0X01	ZF72EAK3K0X05	ZF72EAK3K0X01	ZF96EAK3K0X05	ZF96EAK3K0X01
4k A	ZF48EAK4K0X05	ZF48EAK4K0X01	ZF72EAK4K0X05	ZF72EAK4K0X01	ZF96EAK4K0X05	ZF96EAK4K0X01
5k A	ZF48EAK5K0X05	ZF48EAK5K0X01	ZF72EAK5K0X05	ZF72EAK5K0X01	ZF96EAK5K0X05	ZF96EAK5K0X01
6k A	ZF48EAK6K0X05	ZF48EAK6K0X01	ZF72EAK6K0X05	ZF72EAK6K0X01	ZF96EAK6K0X05	ZF96EAK6K0X01
8k A	ZF48EAK8K0X05	ZF48EAK8K0X01	ZF72EAK8K0X05	ZF72EAK8K0X01	ZF96EAK8K0X05	ZF96EAK8K0X01
10k A	ZF48EAK10KX05	ZF48EAK10KX01	ZF72EAK10KX05	ZF72EAK10KX01	ZF96EAK10KX05	ZF96EAK10KX01
PRICE						

For overload scales at 2In or 5In replace with "D" or "C" the last "X" of the table code (ex. ZF96EAX150D05, ZF72EAX8k0C01). Price remain the same

## AC 90° scale voltmeters



TYPE	F48EV	F72EV	F96EV	F14EV
SIZE	48 x 48 mm	72 x 72 mm	96 x 96 mm	144 x 144 mm
SCALE	90° (interchangeable)	90° (interchangeable)	90° (interchangeable)	90° (not interchangeable)
CLASS	1,5%	1,5%	1,5%	1,5%

### DIRECT INPUT

RANGE	END SCALE	CODE	PRICE	CODE	PRICE	CODE	PRICE	CODE	PRICE
40 V	40 V	F48EVX040		F72EVX040		F96EVX040		F14EVX040	
50 V	50 V	F48EVX050		F72EVX050		F96EVX050		F14EVX050	
60 V	60 V	F48EVX060		F72EVX060		F96EVX060		F14EVX060	
100 V	100 V	F48EVX100		F72EVX100		F96EVX100		F14EVX100	
150 V	150 V	F48EVX150		F72EVX150		F96EVX150		F14EVX150	
200 V	200 V	F48EVX200		F72EVX200		F96EVX200		F14EVX200	
250 V	250 V	F48EVX250		F72EVX250		F96EVX250		F14EVX250	
300 V	300 V	F48EVX300		F72EVX300		F96EVX300		F14EVX300	
400 V	400 V	F48EVX400		F72EVX400		F96EVX400		F14EVX400	
500 V	500 V	F48EVX500		F72EVX500		F96EVX500		F14EVX500	
600 V	600 V	F48EVX600		F72EVX600		F96EVX600		F14EVX600	

### VT INPUT

RANGE	END SCALE	CODE	CODE	CODE	CODE
220/100 V	300 V	F48EVX322XCO	F72EVX322XCO	F96EVX322XCO	F14EVX322XCO
230/100 V	300 V	F48EVX323XCO	F72EVX323XCO	F96EVX323XCO	F14EVX323XCO
380/100 V	500 V	F48EVX538XCO	F72EVX538XCO	F96EVX538XCO	F14EVX538XCO
400/100 V	500 V	F48EVX540XCO	F72EVX540XCO	F96EVX540XCO	F14EVX540XCO
440/100 V	500 V	F48EVX544XCO	F72EVX544XCO	F96EVX544XCO	F14EVX544XCO
500/100 V	600 V	F48EVX650XCO	F72EVX650XCO	F96EVX650XCO	F14EVX650XCO
600/100 V	800 V	F48EVX860XCO	F72EVX860XCO	F96EVX860XCO	F14EVX860XCO
690/100 V	800 V	F48EVX869XCO	F72EVX869XCO	F96EVX869XCO	F14EVX869XCO
800/100 V	1000 V	F48EVX180XCO	F72EVX180XCO	F96EVX180XCO	F14EVX180XCO
1000/100 V	1200 V	F48EVX112XCO	F72EVX112XCO	F96EVX112XCO	F14EVX112XCO
to be specified	to be specified	F48EVXXXXXCO	F72EVXXXXXCO	F96EVXXXXXCO	F14EVXXXXXCO
PRICE					