

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	

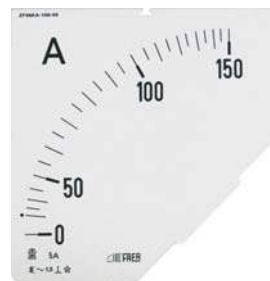
For overload scales at **2In** or **5In** add "D" or "C" to the end of the table code (ex. F96EAX015D, F72EAX050C). Price remain the same

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					