

Universal Candle EA

The EA must work with regular candlestick charts as well as Renko off-line (M2) charts.

Trading signals are generated only at the opening of the candle, NOT during candle's formation.

Only one trade per candle.

ALL values must be met to generate trading (open, close) signals.

The Programmer will provide open Source Code.

Variable	Value
Magic Number	in Comment column
Comment	in Comment column
Lot Size	
Double Size	T/F
Double Size Increases	
TP	in pips, 0 – disabled
SL	in pips, 0 – disabled
Max Number of Opened Trades	
Open on Every Candle	T/F
Add-on Trade	T/F
Open	Shorts only – Longs only – Both
NFA/FIFO Compliant	T/F
Open on Reverse Signal	T/F
Open Only One at the Same Price	T/F
Deviation from the Same Price	in pips
Candle and bar in Same Direction to Open	T/F
Candle and bar in Same Direction to Close	T/F
Close ALL on First Reversed Candle	T/F
Close on Reverse Signal ALL	T/F
Close on Reverse Signal only Trades in Profit	T/F
Basket Buys	T/F
Basket Sells	T/F
Basket Both	T/F
Close on Reverse Signal if Basket in Profit	T/F
Close any Basket if in the Money	in money, 0 – disabled
MACD Filter	T/F
MACD Mode	
Fast	12
Slow	26
Signal	9
Zero Level	T/F
Above Zero Level	Buy
Below Zero Level	Sell
Histogram Bars to Open	T
Histogram Bars to Close	F
MACD Signal	F

Level1	if 0.00000 – do not consider this level
Level1 Function	Buy - Sell
Level2	if 0.00000 – do not consider this level
Level2 Function	Buy - Sell
Level3	if 0.00000 – do not consider this level
Level3 Function	Buy - Sell
Level4	if 0.00000 – do not consider this level
Level4 Function	Buy - Sell
Trading Hour From	
Trading Hour To	
Alert e-mail	T/F

Most of these Variables and Values are self-explanatory. I will describe some of the uncommon ones. Please, ask any question for clarification.

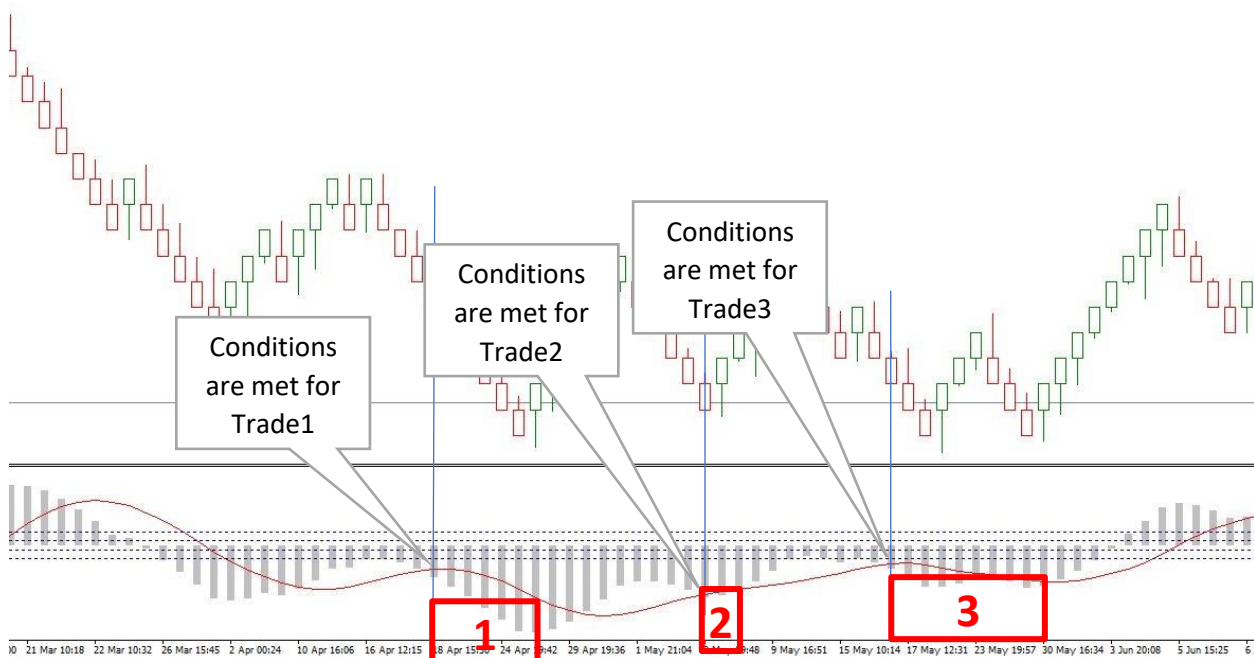
Double Size	T
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If True, EA will add double sized trade(-s) when new signal reappears in the same direction while histogram remains in the same territory. (It is sort of martingale.)

Double Size Increases	1
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This Variable limits doubling of the previous size. It does not limit number of additional trades.

Example 1, in picture below



Conditions are met for first Short Trade1, say Lot Size 0.1. After some time the same Conditions are met again for Short Trade2. This time, the size will be 0.2. After some time the same Conditions are met again for Short Trade3. This time, the size will be 0.2, because there is only 1 increase allowed of the previous size. Obviously, there may be additional trades that will have size 0.2 for as long as the same conditions for short trades reappear.

If

Double Size Increases	3
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the Trade3 would 0.4 size. If there is Trade4, that trade would be 0.8 size. All additional trades would be 0.8 size for as long the histogram remains below Zero level. Once the histogram bar closes above Zero line, counting resets.

Example 2, in picture above

Open on Every Candle	T/F
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If True: Trade will be opened on every new candle for as long as the same conditions remains.

If False: Only one trade will be opened on trade signal

Add-on Trades	T/F
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If False: After histogram crosses Zero line and new trade signal appears, trade(-s) will be opened as shown in Example 1 and 2, that is only Trade1 or trades in red rectangle 1.

If set to True: After histogram crosses Zero line and new trade signal appears, trade(-s) will be opened as shown in Example 1 and 2, that is Trade1, Trade2, Trade3 or trades in red rectangle 1, 2, 3.

the EA will open 0.1 size on every new candle after initial Trade1 within red rectangle 1. After Trade2 the EA will open 0.2 size on every new candle within red rectangle 2. After Trade3 the EA will open 0.4 size on every new candle within red rectangle 3.

Max Number of Opened Trades	
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This is maximum of opened trades for particular pair, not all trades on MT4 platform.

Open Only One at the Same Price	T/F
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If True: If there are generated multiple trades with the same price, open only first trade – no duplicate trades.

If False: If there are generated multiple trades with the same price, open every trade.

Deviation from the Same Price	in pips
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In pips, is the difference between previously opened trade and the current price of a new signal being considered as the “Same Price”. If the current price changes above/below the price of already opened trade, the trade signal must be valid for new trade. In another words, if the deviation is met, open new position only after other conditions are met.

Candle and bar in Same Direction to Open	T/F
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If True, for trading signal to be valid, the candle color and color of histogram bar must be the same.

If False: For trading signal to be valid, the colors do not have to match.

Candle and bar in Same Direction to Close	T/F
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If True, for trading signal to be valid, the candle color and color of histogram bar must be the same.

If False: For trading signal to be valid, the colors do not have to match.

Candle colors: Long – green, Short – red.

Histogram bar colors: if previous bar is lower in value – current bar is green, if previous bar is higher in value – current bar is red.

Close ALL on First Reversed Candle	T/F
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If True: It means to Close ALL on First Reversed Candle only if other conditions for closing are met.

If False: It means that closing can occur on any candle as based on other variables.

Close any Basket if in the Money	in money, 0 – disabled
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If any Basket is set to True: Close that basket when reaching the value in money

MACD Mode	0, or 1, or 2, or 3
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Based on the modes of the attached macd-colored-indicator.

Zero Level	T/F
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If True: Consider Zero Level as described below.

If False: Do not consider Zero Level what-so-ever.

Above Zero Level	Buy - Sell
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If Buy: Open LONGs only above Zero Level. If Sell: Open Shorts only above Zero Level.

Below Zero Level	Buy - Sell
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If Buy: Open LONGs only below Zero Level. If Sell: Open Shorts only below Zero Level.

Histogram Bars to Open	T/F
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If True, the values of the current (last) and previous bar must be considered. For Buy signal, currently closed bar must have higher value than the previous one. For Sell signal, currently closed bar must have lower value than the previous one.

If False, do not consider values of the bars.

Histogram Bars to Close	T/F
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If True, the values of the current (last) and previous bar must be considered. To close Long position, currently closed (last) bar must have lower value than the previous one. To close Short position, currently closed bar must have higher value than the previous one.

If False, do not consider values of the bars.

MACD Signal	T/F
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If Trues: Open LONGs only if MACD Signal line is below last histogram bar. Open Shorts only if MACD Signal line is above last histogram bar.

If False: Do not consider MACD Signal line for trade signal.

Level1	if 0.00000 – do not consider this level
Level1 Function	Buy - Sell

If Level1 Function – Buy: Allows to open LONGs only if last histogram bar is above Level1.

If Level1 Function – Sell: Allows to open SHORTs only if last histogram bar is above Level1.

Level2	if 0.00000 – do not consider this level
Level2 Function	Long - Short

If Level2 Function – Long: Allows to close LONGs only if last histogram bar is above Level2.

If Level2 Function – Short: Allows to close SHORTs only if last histogram bar is above Level2.

Level3	if 0.00000 – do not consider this level
Level3 Function	Long - Short

If Level3 Function – Long: Allows to close LONGs only if last histogram bar is below Level3.

If Level3 Function – Short: Allows to close SHORTs only if last histogram bar is below Level3.

Level4	if 0.00000 – do not consider this level
Level4 Function	Buy - Sell

If Level4 Function – Buy: Allows to open LONGs only if last histogram bar is below Level4.

If Level4 Function – Sell: Allows to open SHORTs only if last histogram bar is below Level4.

Trading Hour From	
Trading Hour To	

The hours should be based on broker's time. This is for opening of new trades only. Closing of open trades will continue as usually.

Alert e-mail	T/F
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If True:

On new Buy Trade – send this Subject Message text ""AccountNumber' Opened Buy 'Pair'" and Body text ""Pair' Opened Buy Lot 'Size' at 'Price'".

On new Sell Trade – send this Subject Message text ""AccountNumber' Opened Sell 'Pair'" and Body text ""Pair' Opened Sell Lot 'Size' at 'Price'".

On closed Buy Trade – send this Subject Message text ""AccountNumber' Closed Buy 'Pair'" and Body text ""Pair' Closed Buy Lot 'Size' at 'Price' in profit 'Profit'".

On closed Sell Trade – send this Subject Message text ""AccountNumber' Closed Sell 'Pair'" and Body text ""Pair' Closed Sell Lot 'Size' at 'Price' in profit 'Profit'".

If position closed in a loss, the 'Profit' will be a negative number.