ativo = 'ITSA4'

info = mt5.symbol\_info(ativo)

info

SymbolInfo(custom=False, chart\_mode=1, select=True, visible=True, session\_deals=40962, session\_buy\_orders=0, session\_sell\_orders=0, volume=2983900,

volumehigh=55941361482,

volumelow=1900,

time=1622831962,

digits=2, spread=2, spread\_float=True, ticks\_bookdepth=32, trade\_calc\_mode=32, trade\_mode=4,

start\_time=0, expiration\_time=0, trade\_stops\_level=0, trade\_freeze\_level=0, trade\_exemode=3, swap\_mode=0, swap\_rollover3days=3, margin\_hedged\_use\_leg=False, expiration\_mode=11, filling\_mode=3, order\_mode=127, order\_gtc\_mode=0, option\_mode=0, option\_right=0,

bid=11.88, bidhigh=11.92, bidlow=11.58,

ask=11.9, askhigh=11.93, asklow=11.6,

last=11.9, lasthigh=11.93, lastlow=11.59,

volume\_real=2983900.0,

volumehigh\_real=55941361482.69073, volumelow\_real=1900.0, option\_strike=0.0,

point=0.01, trade\_tick\_value=0.01, trade\_tick\_value\_profit=0.01, trade\_tick\_value\_loss=0.01, trade\_tick\_size=0.01, trade\_contract\_size=1.0, trade\_accrued\_interest=0.0, trade\_face\_value=0.0, trade\_liquidity\_rate=0.0,

volume\_min=100.0, volume\_max=55209772.0, volume\_step=100.0, volume\_limit=0.0, swap\_long=0.0, swap\_short=0.0, margin\_initial=0.0, margin\_maintenance=0.0, session\_volume=43365600.0, session\_turnover=0.0, session\_interest=0.0, session\_buy\_orders\_volume=0.0, session\_sell\_orders\_volume=0.0, session\_open=11.59,

session\_close=11.64,

session\_aw=11.77, session\_price\_settlement=0.0, session\_price\_limit\_min=0.0, session\_price\_limit\_max=0.0, margin\_hedged=0.0, price\_change=2.2337, price\_volatility=0.0, price\_theoretical=0.0, price\_greeks\_delta=0.0, price\_greeks\_theta=0.0, price\_greeks\_gamma=0.0, price\_greeks\_vega=0.0, price\_greeks\_rho=0.0, price\_greeks\_omega=0.0, price\_sensitivity=0.0, basis='', category='', currency\_base='BRL', currency\_profit='BRL', currency\_margin='BRL', bank='', description='ITAUSA PN EDJ N1', exchange='', formula='', isin='BRITSAACNPR7', name='ITSA4', page='', path='BOVESPA\\A VISTA\\ITSA4')

ativo = 'ITSAF109'

info = mt5.symbol\_info(ativo)

info

SymbolInfo(custom=False, chart\_mode=1, select=True, visible=True, session\_deals=148, session\_buy\_orders=0, session\_sell\_orders=0, volume=200, volumehigh=136183744520, volumelow=100, time=1622826900, digits=2, spread=0, spread\_float=True, ticks\_bookdepth=32, trade\_calc\_mode=35, trade\_mode=4, start\_time=0, expiration\_time=1624049999, trade\_stops\_level=0, trade\_freeze\_level=0, trade\_exemode=3, swap\_mode=0, swap\_rollover3days=3, margin\_hedged\_use\_leg=False, expiration\_mode=11, filling\_mode=3, order\_mode=127, order\_gtc\_mode=0, option\_mode=1, option\_right=0,

bid=0.0, bidhigh=1.17, bidlow=0.75,

ask=0.0, askhigh=1.25, asklow=0.87,

last=1.07, lasthigh=1.18, lastlow=0.75,

volume\_real=200.0,

volumehigh\_real=136183744520.99416,

volumelow\_real=100.0,

option\_strike=10.76, point=0.01, trade\_tick\_value=0.01, trade\_tick\_value\_profit=0.01, trade\_tick\_value\_loss=0.01, trade\_tick\_size=0.01, trade\_contract\_size=1.0, trade\_accrued\_interest=0.0, trade\_face\_value=0.0, trade\_liquidity\_rate=0.0, volume\_min=100.0, volume\_max=55209772.0, volume\_step=100.0, volume\_limit=0.0, swap\_long=0.0, swap\_short=0.0, margin\_initial=0.0, margin\_maintenance=0.0, session\_volume=612500.0, session\_turnover=0.0, session\_interest=0.0, session\_buy\_orders\_volume=0.0, session\_sell\_orders\_volume=0.0, session\_open=0.88, session\_close=0.88, session\_aw=1.04, session\_price\_settlement=0.0, session\_price\_limit\_min=0.0, session\_price\_limit\_max=0.0, margin\_hedged=0.0, price\_change=21.5909, price\_volatility=0.0, price\_theoretical=0.0, price\_greeks\_delta=0.0, price\_greeks\_theta=0.0, price\_greeks\_gamma=0.0, price\_greeks\_vega=0.0, price\_greeks\_rho=0.0, price\_greeks\_omega=0.0, price\_sensitivity=0.0, basis='ITSA4', category='', currency\_base='BRL', currency\_profit='BRL', currency\_margin='BRL', bank='', description='ITSA FM/EDJPN 10,76', exchange='', formula='', isin='BRITSA4F0K62',

name='ITSAF109',

page='', path='BOVESPA\\OPCOES\\ITSAF109')

a = mt5.symbol\_info(ativo)

SymbolInfo(

custom=False, chart\_mode=1, select=True, visible=True, session\_deals=40962, session\_buy\_orders=0, session\_sell\_orders=0, volume=2983900, volumehigh=55941361482, volumelow=1900, time=1622831962, digits=2, spread=2, spread\_float=True, ticks\_bookdepth=32, trade\_calc\_mode=32, trade\_mode=4, start\_time=0, expiration\_time=0, trade\_stops\_level=0, trade\_freeze\_level=0, trade\_exemode=3, swap\_mode=0, swap\_rollover3days=3, margin\_hedged\_use\_leg=False, expiration\_mode=11, filling\_mode=3, order\_mode=127, order\_gtc\_mode=0, option\_mode=0, option\_right=0,

bid=11.88, bidhigh=11.92, bidlow=11.58,

ask=11.9, askhigh=11.93, asklow=11.6,

last=11.9, lasthigh=11.93, lastlow=11.59,

volume\_real=2983900.0, volumehigh\_real=55941361482.69073, volumelow\_real=1900.0, **option\_strike**=0.0, point=0.01, trade\_tick\_value=0.01, trade\_tick\_value\_profit=0.01, trade\_tick\_value\_loss=0.01, trade\_tick\_size=0.01, trade\_contract\_size=1.0, trade\_accrued\_interest=0.0, trade\_face\_value=0.0, trade\_liquidity\_rate=0.0, volume\_min=100.0, volume\_max=55209772.0, volume\_step=100.0, volume\_limit=0.0, swap\_long=0.0, swap\_short=0.0, margin\_initial=0.0, margin\_maintenance=0.0, session\_volume=43365600.0, session\_turnover=0.0, session\_interest=0.0, session\_buy\_orders\_volume=0.0, session\_sell\_orders\_volume=0.0, session\_open=11.59, session\_close=11.64, session\_aw=11.77, session\_price\_settlement=0.0, session\_price\_limit\_min=0.0, session\_price\_limit\_max=0.0, margin\_hedged=0.0, price\_change=2.2337, price\_volatility=0.0, price\_theoretical=0.0, price\_greeks\_delta=0.0, price\_greeks\_theta=0.0, price\_greeks\_gamma=0.0, price\_greeks\_vega=0.0, price\_greeks\_rho=0.0, price\_greeks\_omega=0.0, price\_sensitivity=0.0, basis='', category='', currency\_base='BRL', currency\_profit='BRL', currency\_margin='BRL', bank='', description='ITAUSA PN EDJ N1', exchange='', formula='', isin='BRITSAACNPR7', name='ITSA4', page='', path='BOVESPA\\A VISTA\\ITSA4')

SymbolInfo(custom=False, chart\_mode=1, select=True, visible=True, session\_deals=9, session\_buy\_orders=0, session\_sell\_orders=0, **volume=200**, volumehigh=7000, volumelow=100, time=1623333794, digits=2, spread=53, spread\_float=True, ticks\_bookdepth=32, trade\_calc\_mode=35, trade\_mode=4, start\_time=0, expiration\_time=1624049999, trade\_stops\_level=0, trade\_freeze\_level=0, trade\_exemode=3, swap\_mode=0, swap\_rollover3days=3, margin\_hedged\_use\_leg=False, expiration\_mode=11, filling\_mode=3, order\_mode=127, order\_gtc\_mode=0, option\_mode=1, option\_right=0, **bid=1.47, bidhigh=1.85, bidlow=1.47, ask=2.0, askhigh=2.0, asklow=1.72, last=1.72, lasthigh=1.87, lastlow=1.7, volume\_real=200.0**, volumehigh\_real=7000.0, volumelow\_real=100.0, **option\_strike=12.01**, point=0.01, trade\_tick\_value=0.01, trade\_tick\_value\_profit=0.01, trade\_tick\_value\_loss=0.01, trade\_tick\_size=0.01, trade\_contract\_size=1.0, trade\_accrued\_interest=0.0, trade\_face\_value=0.0, trade\_liquidity\_rate=0.0, volume\_min=1.0, volume\_max=11273254.0, volume\_step=1.0, volume\_limit=0.0, swap\_long=0.0, swap\_short=0.0, margin\_initial=0.0, margin\_maintenance=0.0, session\_volume=11700.0, session\_turnover=0.0, session\_interest=0.0, session\_buy\_orders\_volume=0.0, session\_sell\_orders\_volume=0.0, session\_open=1.85, session\_close=1.8199999999999998, session\_aw=1.75, session\_price\_settlement=0.0, session\_price\_limit\_min=0.0, session\_price\_limit\_max=0.0, margin\_hedged=0.0, price\_change=-5.4945, price\_volatility=0.0, price\_theoretical=0.0, price\_greeks\_delta=0.0, price\_greeks\_theta=0.0, price\_greeks\_gamma=0.0, price\_greeks\_vega=0.0, price\_greeks\_rho=0.0, price\_greeks\_omega=0.0, price\_sensitivity=0.0, **basis='CMIG4'**, category='', currency\_base='BRL', currency\_profit='BRL', currency\_margin='BRL', bank='', description='CMIG PN 12,01', exchange='', formula='', isin='BRCMIG4F0CB8', **name='CMIGF139'**, page='', path='BOVESPA\\OPCOES\\CMIGF139')

mt5.symbol\_info\_tick('CMIGF139')

Tick(time=1623333794, bid=1.47, ask=2.0, last=1.72, volume=200, time\_msc=1623333794365, flags=4, **volume\_real=200.0**)