SWXess - On Order Book Functionality

| | Standard Trading Interface (STI) | OUCH Trading Interface (OTI) | Quote Trading Interface (QTI) | |
|---|---|---|--|--|
| Туре | Order | Order | Quote | |
| User Type | Price Taker User; PT | OBM Partition 1: Equities: OUCH User - O | Quote User – Q | |
| 71 | QOD UI User (Price Taker) | OBM Partition 2: Non-Equities: OUCH Price Taker - T | Quote User – D (Structured Products only) | |
| Mass Functions | Single enter, replace and delete | Single enter, replace and delete | Quotes; Mass withdraw | |
| Limitation | Number of orders within order book is unlimited | Number of orders within order book is unlimited | Step Quoting: Bonds and Structured Products: Limited to one pair of quotes | |
| | | | per user per security. ETF, ETP: Limited to five pairs of quotes per user per security. Sponsored Funds and Sponsored Foreign Shares: Limited to five pairs of quotes per user per security | |
| Persistency | Yes | No | No | |
| Side | Buy or Sell | Buy or Sell | Buy and/or Sell (If B/S attribute = 0 all existing quotes will be deleted) | |
| Behavior on Disconnection | No order deletion in case of disconnection | Orders automatically deleted in case of disconnection by default. Configurat | ion for order persistency upon disconnect on user level | |
| Quantity | Equities, Funds and Structured Products: Number of units. Bond Market: Nominal value. The quantity of an order must comply with the following values that are defined per instrument: - Minimum Denomination (where applicable) - Minimum Tradable Size (Structured Products only) | | | |
| Display Quantity (STI) / Secondary Quantity (OTI) | Iceberg Orders: Visible quantity for an Iceberg and Iceberg Plus Order. If this attribute is not set at order entry, the order is treated as a Normal order. Swiss EBBO: Display Quantity is not supported for client orders. | Iceberg Orders: Visible quantity for an Iceberg and Iceberg Plus Order. If 0 or not set at order entry, the order is transmitted to the exchange as a Normal order. Constraints and usage of secondary quantity depends on the Validity and the Routing Instruction. Swiss EBBO: Full Execution of Swiss EBBO Liquidity provider orders. Secondary Quantity is not supported for client orders. See the OUCH Trading Interface (OTI) Specification | not applicable | |
| Minimum Execution Quantity (MEQ) | Central Limit Order Book (CLOB): Minimum Execution Quantity (MEQ) is not supported. SwissAtMid: Minimum Execution Quantity (MEQ), the optional minimum acceptable quantity to execute per trade, is supported for SwissAtMid Normal orders, Block orders, Sweep orders, Iceberg Plus and Limit Plus orders. AVD orders: Minimum acceptable quantity per trade. AVD orders in the CLOB may execute against multiple single orders that are not themselves equal or greater than the MEQ specified on the AVD order. MEQ is ignored for AVD during TAL. | Central Limit Order Book (CLOB): Minimum Execution Quantity (MEQ) is not supported. SwissAtMid: Minimum Execution Quantity (MEQ), the optional minimum acceptable quantity to execute per trade, is supported for SwissAtMid Normal orders, Block orders, Sweep orders, Iceberg Plus and Limit Plus orders. AVD orders: Minimum acceptable quantity per trade. AVD orders in the CLOB may execute against multiple single orders that are not themselves equal or greater than the MEQ specified on the AVD order. MEQ is ignored for AVD during TAL. | not applicable | |
| OBM Partition | OBM Partition 1: Equities; OBM Partition 2: Non-Equities | OBM Partition 1: Equities; OBM Partition 2: Non-Equities | OBM Partition 2: Non-Equities | |
| Trading User Interface | Participants which have an existing FIX connection can submit and maintain quote requests for QOD and ETF/ETP QOD Europe | not applicable | not applicable | |
| Security | All securities | All securities | Bond Market, ETF, ETP, Sponsored Funds, Sponsored Foreign Shares, Structured Products | |
| Price Type | Market or Limit | Market or Limit | Limit | |
| Price | Equities, Funds, ETFs, ETPs and Structured Products: Price per unit of quantity | . Bonds, Structured Products Bonds: Price in percentage of nominal Price must b | e on a valid price step for the respective security. | |
| Order Types | Normal Order; Iceberg Order; Retail Order; AVD Order; Block Order; Quote Request | Normal Order; Iceberg Order; AVD Order; Block Order; QOD Request; QOD Quotes | QDM and QOD Quotes | |
| Routing Instruction / Order Placement Auction ID | SWX - Swiss Exchange CLOB/QDM Order SWM - SwissAtMid Normal Order SWML - SwissAtMid Block Order SWMX - SwissAtMid Sweep Order SWMB - Iceberg Plus and Limit Plus Order SEB - Swiss EBBO Order QODS - Quote on Demand with Sweep Order QODN - Quote on Demand non Sweep Order | "C" Swiss Exchange CLOB/QDM order "M" SwissAtMid Normal order "L" SwissAtMid Block order "S" SwissAtMid Sweep order "F" Limit Plus order "P" Iceberg Plus order "E" Swiss EBBO order "O" Quote on Demand with Sweep order "Q" Quote on Demand non Sweep order | not applicable Auction ID is an identifier to distinguish between QOD auctions (unique per day among all securities). Provided on initiation of an auction via Quote Request Message. Use 0 if quote is not related to a QOD auction. | |



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| Time in Force Validity | Day: Order expires after End of Trading. Orders that are still open after the Closing Auction are eligible to be transferred to Trading-At-Last, if not explicitly configured to not participate in Trading-At-Last. At the Opening: The order can be entered during Pre-Opening and is visible in the order book included in the Opening Auction. Non-executed parts of the order becomes active / visible at the start of the closing auction and expires if not executed during Opening Auction. At the Close: The order becomes active / visible at the start of the closing auction and expires if not executed during Closing Auction. Orders that are still open after the Closing Auction are eligible to be transferred to Trading-At-Last, if not explicitly configured to not participate in Trading-At-Last. Immediate or Cancel: Expires immediately after exposure to book if order is not executed. Only supported for Normal Orders Fill or Kill: Expires immediately after exposure to book if order is not fully executed. Only supported for Normal Orders Good Till Date: Order expires after End of Trading on the Expiry Date. Maximum validity of an order is one year Good for Auction: Only validity supported for QOD requests | Day: Order expires after End of Trading. Orders that are still open after the Closing Auction are eligible to be transferred to Trading-At-Last, if not explicitly configured to not participate in Trading-At-Last. At the Opening: The order can be entered during Pre-Opening and is visible in the order book included in the Opening Auction. Non-executed parts of the order expire if not executed during Opening Auction At the Close: The order becomes active / visible at the start of the closing auction and expires if not executed during Closing Auction. Orders that are still open after the Closing Auction are eligible to be transferred to Trading-At-Last, if not explicitly configured to not participate in Trading-At-Last. Immediate: Expires immediately after exposure to book if order is not executed. Only supported for Normal Orders. Firmed-up Block Orders which are usually entered based on a Firm-up Request have the effect that the order remains active until the related firm up phase ends. Only then the order expires if it cannot execute. Good for Auction: Only validity supported for QOD requests | Good-for-Business-Day: Order expires after End of Business Day. QOD quotes expire when Call Phases are terminated |
|---------------------------|---|--|--|
| Trading Capacity | Attribute of order P Principal R Riskless Principal | Attribute of order (Principal Id) P Principal R Riskless Principal | Attribute of quote (Principal Id) P Principal R Riskless Principal (Liquidity providers only) |
| Trader Id | Mandatory | Mandatory (if Trader Id 0 is defined on order, default Trader Id is applied) | Mandatory (if Trader Id 0 is defined on quote, default Trader Id is applied) |



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