

```
array_range_list ::= whole_range { , whole_range }*

array_type ::=
  array [ array_range_list ] of type_or_reference

enumeration_type ::=
  enumeration ( { enumeration_literal_identifier }+ )

quantity_type ::=
  quantity ( unit_identifier | scalar | whole )
  [ [ number .. number ] ]
  [ step number ]
  [ representation property_constant ]

record_field ::= defining_field_identifier : type_or_reference

record_type ::= record ( { record_field }+ )
```

```
type ::=
  quantity_type
  | enumeration_type
  | array_type
  | record_type
  | variant_type
  | boolean
  | string
  | null

type_declaration ::= type type_identifier is type
type_or_reference ::= type | type_identifier
typedef_annex_library ::=
  annex Typedef {** { type_declaration }+ **} ;
variant_type ::=
  ( variant | union ) [ discriminant_identifier ]
  ( { record_field }+ )
whole_range ::= whole_number [ .. whole_number ]
```