

**ISIN**
**DE000PH4QUP7**

| Date       | Entry Costs | Exit Costs  | Portfolio Transaction<br>Costs per Year | Other Ongoing Costs |
|------------|-------------|-------------|-----------------------------------------|---------------------|
| 19-12-2022 | 0.00000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 16-12-2022 | 0.00000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 16-12-2022 | 0.00000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 15-12-2022 | 0.11000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 15-12-2022 | 0.11000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 14-12-2022 | 0.00000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 13-12-2022 | 0.13000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 13-12-2022 | 0.13000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 12-12-2022 | 0.14000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 09-12-2022 | 0.10000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 09-12-2022 | 0.10000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 08-12-2022 | 0.17000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 08-12-2022 | 0.17000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 07-12-2022 | 0.20000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 07-12-2022 | 0.20000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 06-12-2022 | 0.30000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 06-12-2022 | 0.30000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 05-12-2022 | 0.23000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 05-12-2022 | 0.23000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 02-12-2022 | 0.34000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 01-12-2022 | 0.34000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 01-12-2022 | 0.34000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 30-11-2022 | 0.43000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 30-11-2022 | 0.43000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 29-11-2022 | 0.45000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 29-11-2022 | 0.45000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 28-11-2022 | 0.45000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 26-11-2022 | 0.45000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 25-11-2022 | 0.17000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 25-11-2022 | 0.17000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 24-11-2022 | 0.41000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 24-11-2022 | 0.41000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 23-11-2022 | 0.23000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 23-11-2022 | 0.23000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 22-11-2022 | 0.20000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 21-11-2022 | 0.20000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 19-11-2022 | 0.20000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 18-11-2022 | 0.20000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 17-11-2022 | 0.00000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 17-11-2022 | 0.00000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 16-11-2022 | 1.72000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 16-11-2022 | 1.72000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 15-11-2022 | 0.50000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 14-11-2022 | 0.50000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 11-11-2022 | 0.61000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 11-11-2022 | 0.61000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 10-11-2022 | 0.33000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 10-11-2022 | 0.33000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |
| 09-11-2022 | 0.56000 (%) | 0.00000 (%) | 0.00000 (%)                             | 0.00000 (%)         |

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