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| Type no.                      | P45 23                                 |  |
| Article no.                   | 013545230101                           |  |
| Standards                     | DIN EN 50342-1, 50342-2                |  |
| Application                   | Starter battery                        |  |
| <b>Electrical data</b>        |  |  |
| Rated voltage                 | 12V                                    |  |
| Rated capacity                | 45 Ah (K20)                            |  |
| Cold start current            | 390 A (EN)                             |  |
| <b>Dimensions and weights</b> |  |  |
| Box                           | 45NS/B24                               |  |
| Length max.                   | 238mm                                  |  |
| Width max.                    | 129mm                                  |  |
| Box height max.               | 203mm                                  |  |
| Total height max.             | 225mm                                  |  |
| Battery weight                | Ca. 12,0 kg (+/- 5 %)                  |  |
| Electrolyte density           | Approx. 1,28 kg/l                      |  |
| Electrolyte                   | Diluted sulphuric acid                 |  |
| Items/pallet                  | 81                                     |  |
| Pallet ID                     | Euro pallet                            |  |
| Items per layer               | 27                                     |  |
| <b>Features</b>               |  |  |
| Base hold-down                | B00                                    |  |
| Layout                        | 0                                      |  |
| Terminal                      | 1 +3                                   |  |
| Separator                     | PE envelope separator                  |  |
| Degassing                     | Battery with central degassing         |  |
| Flame arrester                | Integrated                             |  |
| Performance identification    | W4 - C2 - V2 - E1                      |  |
| <b>Maintenance 1)</b>         |  |  |
| Water consumption             | W4                                     |  |
| Refill water                  | Distilled or demineralised (DIN 43530) |  |
| Self-discharge                | Approx. 3 % per month                  |  |
| Charging current              | Approx. 1/10 of the rated capacity     |  |
| Charging voltage 2)           | max. 14,8 V                            |  |

1) All the listed values relate to room temperature +25° C

2) Recommendation with an external, voltage-regulated charge. Attention: Temperature compensation in case of deviation!

1 Document DBTBAT00339 prepared on 2020-09-30 ; Rights relating to changes and errors retained.  
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