# DATASHEET - IS-80/3

**Main switch, 240/415 V AC, 80A, 3-poles**

| | |
|---|---|
| **Part no.** | **IS-80/3** |
| **Catalog No.** | **276280** |
| **Alternate Catalog No.** | **IS-80/3** |
| **EL-Nummer (Norway)** | **1460829** |

Similar to illustration

## Delivery program

| | | | |
|---|---|---|---|
| Basic function | | | Main load disconnector switch |
| Number of poles | | | 3 pole |
| Application | | | Switchgear for industrial and advanced commercial applications |
| Rated current | $I_n$ | A | 80 |
| Product range | | | IS |

## Technical data

### Electrical

| | | | |
|---|---|---|---|
| Standards | | | EN 45545-2; IEC 61373 |

## Design verification as per IEC/EN 61439

| | | | |
|---|---|---|---|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | $I_n$ | A | 80 |
| Heat dissipation per pole, current-dependent | $P_{vid}$ | W | 2.6 |
| Equipment heat dissipation, current-dependent | $P_{vid}$ | W | 8 |
| Static heat dissipation, non-current-dependent | $P_{vs}$ | W | 0 |
| Heat dissipation capacity | $P_{diss}$ | W | 0 |
| Operating ambient temperature min. | | °C | -5 |
| Operating ambient temperature max. | | °C | 40 |

## Technical data ETIM 8.0

Devices for distribution board-/surface mounting (EG000062) / Main switch for distribution board (EC001545)

Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Main switch for distribution board (ecl@ss10.0.1-27-14-23-01 [AFZ813014])

| | | | |
|---|---|---|---|
| Switching function | | | Other |
| Number of contacts as normally open contact | | | 0 |
| Number of contacts as normally closed contact | | | 0 |
| Number of contacts as change-over contact | | | 0 |
| Number of poles | | | 3 |
| Rated current | | A | 80 |
| Rated voltage | | V | 415 |
| Min. rated voltage | | V | 240 |
| Rated switching capacity | | kA | 12.5 |
| Short-circuit breaking capacity (Icw) | | kA | 2 |
| Voltage type | | | AC |
| With signal lamp | | | No |
| Colour calotte | | | Other |
| Lamp type | | | Other |
| Lamp socket | | | Other |
| Max. lamp power | | W | 0 |
| Width in number of modular spacings | | | 3 |
| Built-in depth | | mm | 69.5 |
| Degree of protection (IP) | | | IP40 |

| | | | | |
|---|---|---|---|---|
| Imprint/indication | | | | Symbol "arrows" |
| Forced segregation (according to DIN VDE 0113) | | | | No |


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