

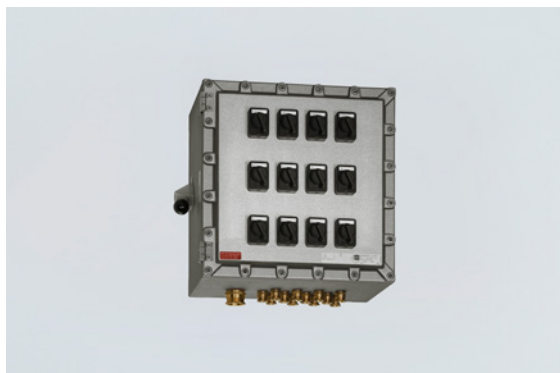
# Applications of low-voltage systems

Light circuit distribut. board With miniature circuit breaker



CUBEx

8264/5-ExV-01-12L16C1P-D Art. No. 143210



- Enclosure with Ex d type of protection
- With miniature circuit breaker, tripping characteristic C
- With residual current circuit breaker and overcurrent release, tripping characteristic B or C
- Advantage: Short delivery times

MY R. STAHL 8264A



R. STAHL Series 8264/-ExV CUBEx lighting and heating circuit distribution boards are modular and are therefore available in a large number of standard variants which are ready for rapid delivery; further versions are available on request. They are lightweight, saltwater-resistant and suitable for a wide range of temperatures. The Ex d enclosures are wall-mounted using screws or rails.

## Technical Data

| Explosion Protection                      |   |
|---|---|
| Application range (zones)                 | 1, 2, 21, 22  |
| IECEX gas certificate                     | IECEX KEM 07.0051 X   |
| IECEX gas explosion protection            | Ex db IIB+H2 / IIB T6 / T4 Gb   |
| IECEX dust certificate                    | IECEX KEM 07.0051 X   |
| IECEX dust explosion protection           | Ex tb IIIC T95 °C / T130 °C Db  |
| ATEX gas certificate                      | KEMA 01 ATEX 2145 X   |
| ATEX gas explosion protection             | Ex II 2 G Ex db IIB+H2 / IIB T6 / T4 Gb   |
| ATEX dust certificate                     | KEMA 01 ATEX 2145 X   |
| ATEX dust explosion protection            | Ex II 2 D Ex tb IIIC T95 °C / T130 °C Db  |
| Certificates                              | ATEX (DEK), Brazil (ULB), Canada / USA (UL), China (NEPSI), IECEX (DEK), India (PESO), Korea (KGS), Taiwan (ITRI) |
| Declaration of conformity                 | ATEX (EUK), China (CCC)   |
| Electrical Data                           |   |
| Rated operational voltage AC              | 230 ... 400 V   |
| Rated operational current                 | 100 A (T6)  |
| Layout No.                                | 01  |
| Frequency range                           | 50 – 60 Hz  |
| Ambient Conditions                        |   |
| Ambient temperature                       | -20 °C ... +40 °C (IIB+H2 T6) (T95 °C)<br>-55 °C ... +60 °C (IIB T4)  |
| Mechanical Data                           |   |
| Degree of protection (IP)                 | IP65  |
| Degree of protection (IP) (IEC 60529)     | IP65  |
| Enclosure material                        | Aluminium, Seawater-resistant   |
| Material note                             | Also available in stainless steel   |
| Max. finely stranded connection terminals | 35 mm <sup>2</sup>  |
| Width                                     | 480 mm  |

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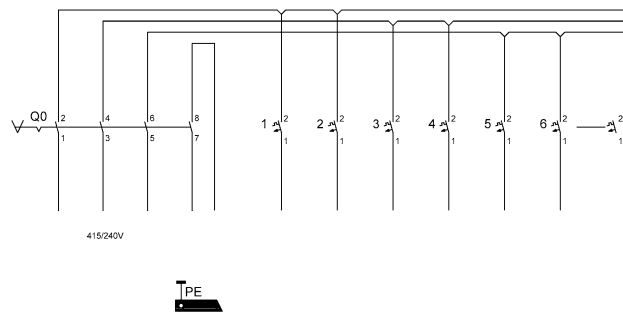
## Mechanical Data

|                             |           |
|-----------------------------|-----------|
| Height                      | 480 mm    |
| Depth                       | 340 mm    |
| Impact strength (IEC 60079) | 7 J       |
| Weight                      | 100 kg    |
| Weight                      | 220.46 lb |

## Components

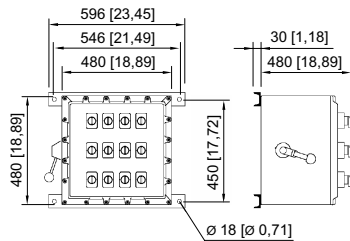
|                        |  |
|------------------------|--|
| Locking device present | Yes  |
| Built-in unit 1        | 1 x Load and motor switch                    |
| Built-in unit 2        | 12 x Miniature circuit breaker 1-pole 16 A/C |
| Entry 1                | 1 x<br>M50 x 1.5                             |
| Entry 2                | 12 x<br>M20 x 1.5                            |

## Technical Drawings – Subject to Alterations



Circuit diagram 8146/5-ExV-...1P-D; 8264/5-ExV-...1P-D

## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Layout 01

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.