

# Przenośne remontowe oprawy świetlówkowe do stref 1, 2, 21, 22 zagrożenia wybuchem



## HL 43/ HL 50/ HL 60/ HL 70



## HL 43 LED



## ML 43 / ML 50/ ML 60/ ML 70



### Dane techniczne:

#### HL 43/ HL 50/ HL 60/ HL 70 ML 43/ ML 50/ ML 60/ ML 70

|                            |                                |
|----------------------------|--------------------------------|
| Zastosowanie               | Strefa 1, 2, 21, 22            |
| Oznaczenie wg 94/9/EC:     |                                |
| strefy gazowe              | ⊕ II 2 G Ex d IIC T5           |
| strefy pyłowe              | ⊕ II 2 D Ex tD A21 IP68 T95 °C |
| Certyfikat typu EC:        | BVS 07 ATEX E 164 X            |
| Oznaczenie wg IECEx        |                                |
| strefy gazowe              | Ex d IIC T5 Gb                 |
| strefy pyłowe              | Ex t IIIC T95 °C Db (IP68)     |
| Certyfikat zgodności IECEx | IECEx BVS-08.0014X             |

| Typ                                | HL 43 d<br>ML 43 d                          | ML 50/60/70 d     |
|------------------------------------|---|-------------------|
| Napięcie znamionowe 1              | 230 V AC/DC                                 | 110 - 240 V AC/DC |
| Napięcie znamionowe 2              | 24 V AC/DC                                  | 24 - 50 V AC/DC   |
| Częstotliwość                      | 50 - 400 Hz                                 |                   |
| Moc                                | max. 13 W                                   | max. 58 W         |
| cos φ współczynnika mocy           | > 0,95                                      |                   |
| Statecznik                         | zintegrowany EVG                            |                   |
| Źródło światła                     |   | T8/TC-L           |
| Dopuszczalna temperatura otoczenia | -20 °C to +40 °C<br>opcja: -20 °C to +60 °C |                   |
| Stopień ochrony wg EN 60529        | IP68  |                   |
| Kolor obudowy                      | czarny                                      |                   |
| Materiał klosza                    | poliwęglan                                  |                   |
| Wymiary (dl. x szer. x wys.) [mm]  | patrz dane do zamówienia                    |                   |
| Waga [kg]                          | patrz dane do zamówienia                    |                   |

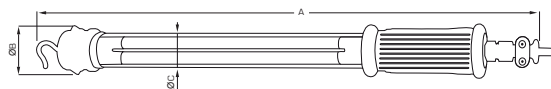
# Przenośne remontowe oprawy świetłówkowe do stref 1, 2, 21, 22 zagrożenia wybuchem



Dane do zamówienia: \_\_\_\_\_

| Indeks                                  | Oznaczenie          | Źródło światła | Gniazdo | Strumień światła |
|---|---------------------|----------------|---------|------------------|
| <b>24 V AC/DC oprawy ręczne</b>         |                     |                |         |                  |
| AMA100010056                            | "HL43d 6 383        | 1x6W           | G5      | 215              |
| AMA100010057                            | "HL43d6/2 383       | 2x6W           | G5      | 430              |
| AMA100010058                            | "HL43d8460          | 1x8W           | G5      | 448              |
| AMA100010059                            | "HL43d8/2 460       | 2x8W           | G5      | 896              |
| AMA100010091                            | "HL43dLED6 460 (DC) | 6W LED         | -       | 315              |
| <b>24 V AC/DC oprawy maszynowe</b>      |                     |                |         |                  |
| AMA100010060                            | "ML43d6383          | 1x6W           | G5      | 215              |
| AMA100010061                            | "ML43d6/2383        | 2x6W           | G5      | 430              |
| AMA100010062                            | "ML43d8460          | 1x8W           | G5      | 448              |
| AMA100010063                            | "ML43d8/2460        | 2x8W           | G5      | 896              |
| <b>230 V AC/DC oprawy ręczne</b>        |                     |                |         |                  |
| AMA100010064                            | "HL43d6383          | 1x6W           | G5      | 215              |
| AMA100010065                            | "HL43d6/2383        | 2x6W           | G5      | 430              |
| AMA100010066                            | "HL43d8460          | 1x8W           | G5      | 448              |
| AMA100010067                            | "HL43d8/2460        | 2x8W           | G5      | 896              |
| AMA100010068                            | "HL43d13690         | 1x13W          | G5      | 949              |
| AMA100010092                            | "HL43dLED6 460      | 6W LED         | -       | 315              |
| <b>230 V AC/DC oprawy maszynowe</b>     |                     |                |         |                  |
| AMA100010069                            | "ML43d6383          | 1x6W           | G5      | 215              |
| AMA100010070                            | "ML43d6/2383        | 2x6W           | G5      | 430              |
| AMA100010071                            | "ML43d8460          | 1x8W           | G5      | 448              |
| AMA100010072                            | "ML43d8/2460        | 2x8W           | G5      | 896              |
| AMA100010074                            | "ML43d13690         | 1x13W          | G5      | 949              |
| <b>24-50 V AC/DC oprawy maszynowe</b>   |                     |                |         |                  |
| AMA100010073                            | "ML50d18920         | 1x18W          | G13     | 1296             |
| AMA100010076                            | "ML50d301225        | 1x30W          | G13     | 2460             |
| AMA100010077                            | "ML60d361530        | 1x36W          | G13     | 3348             |
| AMA100010078                            | "ML60d581830        | 1x58W          | G13     | 5220             |
| AMA100010079                            | "ML70d18570(PL)     | 1x18W          | G13     | 1200             |
| AMA100010080                            | "ML70d24665(PL)     | 1x24W TC-L     | 2G11    | 1800             |
| AMA100010081                            | "ML70d36761(PL)     | 1x36W TC-L     | 2G11    | 2900             |
| AMA100010082                            | "ML70d55881(PL)     | 1x55W TC-L     | 2G11    | 4780             |
| <b>110-240 V AC/DC oprawy maszynowe</b> |                     |                |         |                  |
| AMA100010083                            | "ML50d18870         | 1x18W          | G13     | 1296             |
| AMA100010084                            | "ML50d301175        | 1x30W          | G13     | 2460             |
| AMA100010085                            | "ML50d361480        | 1x36W          | G13     | 3348             |
| AMA100010086                            | "ML60d581780        | 1x58W          | G13     | 5220             |
| AMA100010087                            | "ML70d18522(PL)     | 1x18W          | G13     | 1200             |
| AMA100010088                            | "ML70d24617(PL)     | 1x24W TC-L     | 2G11    | 1800             |
| AMA100010089                            | "ML70d36713(PL)     | 1x36W TC-L     | 2G11    | 2900             |
| AMA100010090                            | "ML70d55833(PL)     | 1x55W TC-L     | 2G11    | 4780             |

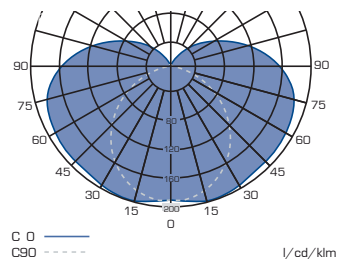
Wymiary: [mm]



| Typ                                     | A [mm] | ØB [mm] | ØC [mm] | Waga [kg] |
|---|--------|---------|---------|-----------|
| <b>24 V AC/DC oprawy ręczne</b>         |        |         |         |           |
| "HL43d 6 383                            | 563    | 66      | 43      | 1,4       |
| "HL43d6/2 383                           | 563    | 66      | 43      | 1,5       |
| "HL43d8460                              | 640    | 66      | 43      | 1,5       |
| "HL43d8/2 460                           | 640    | 66      | 43      | 1,6       |
| "HL43dLED6 460 (DC)                     | 640    | 66      | 43      | 1,5       |
| <b>24 V AC/DC oprawy maszynowe</b>      |        |         |         |           |
| "ML43d6383                              | 504    | 66      | 43      | 1,4       |
| "ML43d6/2383                            | 504    | 66      | 43      | 1,5       |
| "ML43d8460                              | 581    | 66      | 43      | 1,5       |
| "ML43d8/2460                            | 581    | 66      | 43      | 1,6       |
| <b>230 V AC/DC oprawy ręczne</b>        |        |         |         |           |
| "HL43d6383                              | 563    | 66      | 43      | 1,4       |
| "HL43d6/2383                            | 563    | 66      | 43      | 1,5       |
| "HL43d8460                              | 640    | 66      | 43      | 1,5       |
| "HL43d8/2460                            | 640    | 66      | 43      | 1,6       |
| "HL43d13690                             | 870    | 66      | 43      | 1,7       |
| "HL43dLED6 460                          | 640    | 66      | 43      | 1,5       |
| <b>230 V AC/DC oprawy maszynowe</b>     |        |         |         |           |
| "ML43d6383                              | 504    | 66      | 43      | 1,4       |
| "ML43d6/2383                            | 504    | 66      | 43      | 1,5       |
| "ML43d8460                              | 581    | 66      | 43      | 1,5       |
| "ML43d8/2460                            | 581    | 66      | 43      | 1,6       |
| "ML43d13690                             | 811    | 66      | 43      | 1,7       |
| <b>24-50 V AC/DC oprawy maszynowe</b>   |        |         |         |           |
| "ML50d18920                             | 1041   | 72      | 50      | 2,4       |
| "ML50d301225                            | 1346   | 72      | 50      | 2,4       |
| "ML60d361530                            | 1651   | 82      | 60      | 2,8       |
| "ML60d581830                            | 1951   | 82      | 60      | 3,2       |
| "ML70d18570(PL)                         | 691    | 92      | 70      | 2,2       |
| "ML70d24665(PL)                         | 786    | 92      | 70      | 2,8       |
| "ML70d36761(PL)                         | 882    | 92      | 70      | 3,4       |
| "ML70d55881(PL)                         | 1002   | 92      | 70      | 3,8       |
| <b>110-240 V AC/DC oprawy maszynowe</b> |        |         |         |           |
| "ML50d18870                             | 991    | 72      | 50      | 2,4       |
| "ML50d301175                            | 1296   | 72      | 50      | 2,4       |
| "ML50d361480                            | 1601   | 72      | 50      | 2,8       |
| "ML60d581780                            | 1901   | 82      | 60      | 3,2       |
| "ML70d18522(PL)                         | 643    | 92      | 70      | 2,2       |
| "ML70d24617(PL)                         | 738    | 92      | 70      | 2,8       |
| "ML70d36713(PL)                         | 834    | 92      | 70      | 3,4       |
| "ML70d55833(PL)                         | 954    | 92      | 70      | 3,8       |

Krzywe światłości:

HL../ML.. (jedno źródło światła)



HL../ML..d (dwa źródła światła)

