
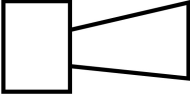
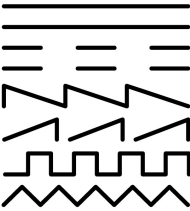




Akustický modul;24 V;vícetónový

Typ SL7-AP24-M
Catalog No. 171287
Alternate Catalog No. SL7-AP24-M

Dodavatelský program

| | | | |
|---------------------------|-------|----|---|
| Sortiment | | | Signalizační sloupky SL |
| Základní funkce | | | Akustický modul |
| Stupeň krytí | | | IP66 |
| Jmenovité pracovní napětí | U_e | V | 24 V AC/DC |
| Jmenovitý povozní proud | I_e | mA | 115 |
| Popis | | | Více tónů; 8 druhů tónů lze nastavit s interním přepínačem DIP. Hlasitost 100 dB, nastavitelná vnitřním potenciometrem. $f = 500 - 2700$ Hz Instalovat jen v nejvyšší poloze sloupku |
| Barva | | | - |
| | | |  |
| Funkce | | |   |
| Připojení na SmartWire-DT | | | ne |

Technická data

Všeobecně

| | | | |
|---|--|-----------------|--|
| Normy a ustanovení | | | ČSN EN 60947-5-1 |
| Klimatická odolnost | | | Vlhké teplo, konstantní podle normy ČSN EN EN 60068-2-30 |
| Poloha při montáži | | | libovolná |
| Odolnost proti nárazu | | g | > 15 podle ČSN EN 60068-2-27 Doba otřesu 11 ms Sinusová půlvlna |
| Stupeň krytí IEC | | | IP66 ČSN EN 60529 |
| Stupeň krytí UL | | | Typ 4, 4X, 13 |
| Materiál | | | Kryt: polykarbonát (PC), černý Kalota: polykarbonát (PC) |
| Barvy modulů | | | - |
| Okolní teplota | | °C | -30 - +60 |
| Počet signálních prvků | | | - |
| Připojovací průřezy | | | |
| pevné/jemně slaněné vodiče | | mm ² | - |
| jemně slaněný vodič s dutinkou, s umělohmotným ochranným kroužkem | | mm ² | - |
| Hmotnost | | g | 102 |

Kontakty

| | | | |
|---------------------------------------|-----------|------|-------|
| Jmenovité impulzní výdržné napětí | U_{imp} | V AC | 4000 |
| Jmenovité izolační napětí | U_i | V | 250 |
| Přepětová kategorie/stupeň znečištění | | | III/3 |

Světelné moduly

| Typ světla | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-------------------|------------------------|--|------------------------------|-----------------------------|----------------|---------|--------------------|-------------------|----------------|---|---|---|---|---|---|---|------------------|--|--|--|--|--|--|--|--|--------|--|--|--|--|--------------------|-------------------|------|--|---|---|--------|-------------------|------|--|---|---|-----|-----------------|------|------------------------|--|---|---|-----|-----------------|------|------------------------|--|---|---|-----|-----------|----|------------|--|------|-----------------------------|----|------------|----|------------|--|------------------------------|------------------------|----|----------|----|------------|--|------|--|----|----------------------|----|------------|--|-------|--|----|
| Světelný prvek | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Objímka | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Frekvence blikání/záblesků | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Svodový proud | | A | < 0.003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typ tónu | | | Nepřerušovaný nebo přerušovaný tón 8 typů zvuku | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typy zvuku | | | 8 variant, tabulka typů zvuku | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nastavení tónu | | | interní; DIP 3pólově | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tabulka typů zvuku | | | <p>Tabulka typů zvuku</p> <table border="1"> <thead> <tr> <th>Typ zvuku</th> <th>Spínače DIP</th> <th>Frekvence</th> <th>Diagram</th> <th>Rychlost opakování</th> <th>Speciální použití</th> <th>Max. hlasitost</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td colspan="7">nastavení</td> </tr> <tr> <td></td> <td></td> <td>123 Hz</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="2">SL7-AP...-M</td> <td>Nepřerušovaný tón</td> <td>2700</td> <td></td> <td>-</td> <td>-</td> <td>100 dB</td> </tr> <tr> <td>Nepřerušovaný tón</td> <td>1350</td> <td></td> <td>-</td> <td>-</td> <td>100</td> </tr> <tr> <td>Přerušovaný tón</td> <td>2700</td> <td>250 ms zap, 250 ms vyp</td> <td></td> <td>-</td> <td>-</td> <td>100</td> </tr> <tr> <td>Přerušovaný tón</td> <td>1350</td> <td>250 ms zap, 250 ms vyp</td> <td></td> <td>-</td> <td>-</td> <td>100</td> </tr> <tr> <td>Klesající</td> <td>ON</td> <td>1200 - 500</td> <td></td> <td>1 Hz</td> <td>Evakuace Německo DIN 3304-3</td> <td>98</td> </tr> <tr> <td>Stoupající</td> <td>ON</td> <td>500 - 1200</td> <td></td> <td>stoupající ve 3 s, 0,5 s vyp</td> <td>Nizozemí NEN 2575:2000</td> <td>98</td> </tr> <tr> <td>Střídavý</td> <td>ON</td> <td>800 - 1000</td> <td></td> <td>2 Hz</td> <td></td> <td>94</td> </tr> <tr> <td>Stoupající/Klesající</td> <td>ON</td> <td>500 - 1500</td> <td></td> <td>10 Hz</td> <td></td> <td>94</td> </tr> </tbody> </table> | Typ zvuku | Spínače DIP | Frekvence | Diagram | Rychlost opakování | Speciální použití | Max. hlasitost | - | - | - | - | - | - | - | nastavení | | | | | | | | | 123 Hz | | | | | SL7-AP...-M | Nepřerušovaný tón | 2700 | | - | - | 100 dB | Nepřerušovaný tón | 1350 | | - | - | 100 | Přerušovaný tón | 2700 | 250 ms zap, 250 ms vyp | | - | - | 100 | Přerušovaný tón | 1350 | 250 ms zap, 250 ms vyp | | - | - | 100 | Klesající | ON | 1200 - 500 | | 1 Hz | Evakuace Německo DIN 3304-3 | 98 | Stoupající | ON | 500 - 1200 | | stoupající ve 3 s, 0,5 s vyp | Nizozemí NEN 2575:2000 | 98 | Střídavý | ON | 800 - 1000 | | 2 Hz | | 94 | Stoupající/Klesající | ON | 500 - 1500 | | 10 Hz | | 94 |
| Typ zvuku | Spínače DIP | Frekvence | Diagram | Rychlost opakování | Speciální použití | Max. hlasitost | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| nastavení | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 123 Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SL7-AP...-M | Nepřerušovaný tón | 2700 | | - | - | 100 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Nepřerušovaný tón | 1350 | | - | - | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Přerušovaný tón | 2700 | 250 ms zap, 250 ms vyp | | - | - | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Přerušovaný tón | 1350 | 250 ms zap, 250 ms vyp | | - | - | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Klesající | ON | 1200 - 500 | | 1 Hz | Evakuace Německo DIN 3304-3 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stoupající | ON | 500 - 1200 | | stoupající ve 3 s, 0,5 s vyp | Nizozemí NEN 2575:2000 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Střídavý | ON | 800 - 1000 | | 2 Hz | | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stoupající/Klesající | ON | 500 - 1500 | | 10 Hz | | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hlasitost | | dB | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nastavení hlasitosti | | | interní, potenciometr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minimální hlasitost | | | 88 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vyzařovací úhel | | | 360° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spotřeba | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| při 24 V AC/DC | | A | 0,115 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 /120 V AC | | A | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 230 /240V AC | | A | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Příkon | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rozsah napětí | | | 24 V AC/DC ± 10 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Ověření návrhu podle ČSN EN 61439

| Technické údaje pro ověření konstrukce | | | |
|--|--|----|-----|
| Provozní teplota okolí min. | | °C | -30 |
| Provozní teplota okolí max. | | °C | 60 |

Technická data podle ETIM 7.0

| Low-voltage industrial components (EG000017) / Acoustic module for signal tower (EC001261) | | | |
|--|--|----|---------|
| Elektrotechnika, automatizační technika a technika řízení procesu / Nízkonapetová spínací technika / Ovládací a návěstní zařízení / Prvek signalizačního sloupku, akustický (ecl@ss10.0.1-27-37-12-37 [AKF055014]) | | | |
| Function | | | Other |
| Outer diameter | | mm | 73 |
| Colour | | | Black |
| Operating voltage at AC 50 Hz | | V | 24 - 24 |
| Operating voltage at AC 60 Hz | | V | 24 - 24 |
| Operating voltage at DC | | V | 24 - 24 |
| Voltage type | | | AC/DC |
| Tone adjustable | | | Yes |
| Degree of protection (IP) | | | IP66 |
| Degree of protection (NEMA) | | | 4X |
| Loudness | | dB | 100 |

aprobace,

| | | | |
|-----------------------------|--|--|--|
| Product Standards | | | IEC/EN 60947-5-1; UL 508; CSA-C22.2 No. 14-10; CSA-C22.2 No. 94-91; CE marking |
| UL File No. | | | E29184 |
| UL Category Control No. | | | NKCR |
| CSA File No. | | | UL report applies to both US and Canada |
| CSA Class No. | | | NKCR7 |
| North America Certification | | | UL listed, certified by UL for use in Canada |
| Degree of Protection | | | UL Type 4, 4X, 13 |

