

## PËRKTHIM NË GJUHËN SHQIPE (JOZYRTAR)

Ky nuk është dokumenti origjinal i prodhuesit. Vlen origjinali, i bashkëngjitur pas përkthimit: fakro-amz-z-wave-user-manual-en.pdf.

[logoja FAKRO]

# UDHËZIME PËR PËRDORIM

## Roletë e jashtme tip tendë për dritare çatie AMZ Z-Wave

Shenja origjinale e dokumentit: NC 8DS-GB, AMZ Z-Wave, 24.10.10, FAKRO, KB3785

Përkthim i teksteve të udhëzimeve origjinale, sipas faqeve të origjinalit. Vizatimet dhe skemat gjenden në origjinal pas përkthimit. Emrat e funksioneve Z-Wave dhe shenjat teknike (p.sh. ADD TO NETWORK, Autoinclusion, Command Class) janë lënë siç janë shtypur, sepse kështu shfaqen në komandues.



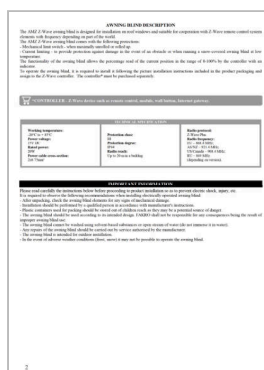
### FAQJA 1 E ORIGINALIT

#### UDHËZIME ORIGINALE PËR PËRDORIM

##### Roletë e jashtme tip tendë për dritare çatie AMZ Z-Wave

|                             |   |
|-----------------------------|---|
| Informacione të rëndësishme | 2 |
| Skema e lidhjes             | 3 |
| Paneli i komandimit         | 3 |
| Programimi                  | 4 |
| Komandimi manual            | 4 |
| Informacione shtesë         | 5 |
| Garancia                    | 7 |

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### FAQJA 2 E ORIGINALIT

#### PËRSHKRIMI I TENDËS

Roleta e jashtme tip tendë AMZ Z-Wave është projektuar për montim në dritare çatie dhe është e përshtatshme për të punuar me elementet e sistemit të komandimit në distancë Z-Wave, frekuenca e të cilave varet nga pjesa e botës.

Tenda AMZ Z-Wave ka mbrojtjet e mëposhtme:

- Çelës fundor mekanik – kur tenda është plotësisht e shpalosur ose e mbështjellë.
- Kufizimi i rrymës – mbron nga dëmtimi në rast pengese ose kur tenda e mbuluar me borë vihet në lëvizje në temperaturë të ulët.

Funksionaliteti i tendës mundëson që komanduesi me tregues të lexojë pozicionin aktual të tendës në përqindje, në diapazonin 0-100%.

Për të funksionuar, tenda duhet të montohet sipas udhëzimeve në figura për montim që gjenden në paketimin e produktit dhe duhet t'i caktohet komanduesit Z-Wave. Komanduesi\* blihet veçmas.

\*KOMANDUESI – pajisje Z-Wave si telekomandë, modul, çelës muri, portë interneti (internet gateway).

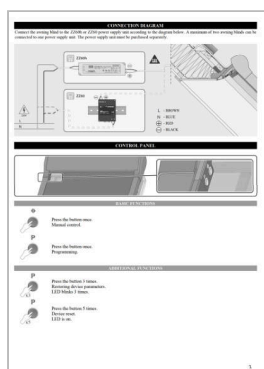
## SPECIFIKIMET TEKNIKE

|                                         |                                                                                                                |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Temperatura e punës                     | -20°C deri + 85°C                                                                                              |
| Tensioni i furnizimit                   | 15V DC                                                                                                         |
| Fuqia nominale                          | 20W                                                                                                            |
| Prerja tërthore e kabllit të furnizimit | 2x0.75mm <sup>2</sup>                                                                                          |
| Klasa e mbrojtjes                       | III                                                                                                            |
| Shkalla e mbrojtjes                     | IP44                                                                                                           |
| Rrezja e sinjalit radio                 | Deri në 20 m brenda ndërtesës                                                                                  |
| Protokolli radio                        | Z-Wave Plus                                                                                                    |
| Frekuenca radio                         | EU – 868.4 MHz;<br>AS/NZ – 921.4 MHz;<br>SHBA/Kanada – 908.4 MHz;<br>RU – 869 MHz<br>(varësisht nga versioni). |

## INFORMACIONE TË RËNDËSISHME

Para montimit të produktit lexoni me kujdes udhëzimet më poshtë, për të parandaluar goditjen elektrike, lëndimet etj. Gjatë montimit të tendës me motor elektrik duhet të respektohen rekomandimet e mëposhtme:

- Pas shpaktimit kontrolloni nëse elementet e tendës kanë shenja dëmtimi mekanik.
- Montimi duhet të kryhet nga një person i kualifikuar, në përputhje me udhëzimet e prodhuesit.
- Ambalazhi plastik i përdorur për paketim duhet të ruhet larg fëmijëve, sepse mund të jetë burim rreziku.
- Tenda duhet të përdoret sipas qëllimit të saj. FAKRO nuk mban përgjegjësi për pasojat e përdorimit të gabuar të tendës.
- Tenda nuk duhet të lahet me substanca me bazë tretësi ose me rrymë uji (mos e zhytni në ujë).
- Të gjitha riparimet e tendës duhet të kryhen nga servisi i autorizuar nga prodhuesi.
- Tenda është e destinuar për montim të jashtëm.
- Në kushte të pafavorshme atmosferike (ngricë, borë) komandimi i tendës mund të mos jetë i mundur.



## FAQJA 3 E ORIGINALIT

### SKEMA E LIDHJES

Lidheni tendën me njësinë e furnizimit ZZ60h ose ZZ60 sipas skemës më poshtë. Në një njësi furnizimi mund të lidhen më së shumti dy tenda. Njësia e furnizimit blihet veçmas.

|           |        |
|-----------|--------|
| L         | kafë   |
| N         | blu    |
| + (plus)  | e kuqe |
| - (minus) | e zezë |

## PANELI I KOMANDIMIT

### FUNKSIONET THEMELORE

|                    |                                            |
|--------------------|--------------------------------------------|
| Butoni me shigjeta | Shtypni butonin një herë. Komandim manual. |
|--------------------|--------------------------------------------|

## PËRKTHIM NË GJUHËN SHQIPE (JOZYRTAR)

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Butoni P

Shtypni butonin një herë. Programimi.

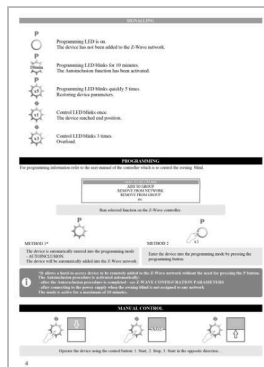
## FUNKSIONE SHITESË

Butoni P, x3

Shtypni butonin 3 herë. Rikthimi i parametrave të pajisjes. LED-i pulson 3 herë.

Butoni P, x5

Shtypni butonin 5 herë. Rivendosja (reset) e pajisjes. LED-i ndizet.



## FAQJA 4 E ORIGINALIT

### SINJALIZIMI

P (LED-i i ndezur)

LED-i i programimit është i ndezur. Pajisja nuk është shtuar në rrjetin Z-Wave.

P, 10 min

LED-i i programimit pulson për 10 minuta. Funkcioni Autoinclusion është aktivizuar.

P, x5

LED-i i programimit pulson shpejt 5 herë. Rikthimi i parametrave të pajisjes.

Shigjetat, x1

LED-i i kontrollit pulson një herë. Pajisja ka arritur pozicionin fundor.

Shigjetat, x3

LED-i i kontrollit pulson 3 herë. Mbingarkesë.

### PROGRAMIMI

Për informacion mbi programimin shihni udhëzimet për përdorim të komanduesit me të cilin do të komandohet tenda.

Funksionet në komandues: ADD TO NETWORK (shto në rrjet), ADD TO GROUP (shto në grup), REMOVE FROM NETWORK (hiq nga rrjeti), REMOVE FROM GROUP (hiq nga grupi) etj. Ekzekutoni funksionin e zgjedhur në komanduesin Z-Wave.

METODA 1\*

Pajisja hyn automatikisht në modalitetin e programimit – AUTOINCLUSION. Pajisja do të shtohet automatikisht në rrjetin Z-Wave.

METODA 2 (P, x1)

Vendoseni pajisjen në modalitetin e programimit duke shtypur butonin e programimit.

\*Mundëson që një pajisje e vështirë për t'u arritur të shtohet nga distanca në rrjetin Z-Wave, pa pasur nevojë të shtypet butoni P. Procedura Autoinclusion aktivizohet automatikisht:

- pas përfundimit të procedurës Autoexclusion – shih PARAMETRAT E KONFIGURIMIT Z-WAVE;
- pas lidhjes me furnizimin, kur tenda nuk është caktuar në asnjë rrjet. Modaliteti është aktiv më së shumti 10 minuta.

### KOMANDIMI MANUAL

Komandojeni pajisjen me butonin e kontrollit: 1. Nisje, 2. Ndalim, 3. Nisje në drejtimin e kundërt...

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| COMMON INFORMATION                                                                                                                                                                                  |                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>WAVE Z-WAVE</b>                                                                                                                                                                                  |                                                                                                                          |
| Having the Wave Z-Wave system is a matter of choice and convenience. It is a matter of opportunity, too.                                                                                            |                                                                                                                          |
| <b>Z-WAVE SECURITY CONCEPTS</b>                                                                                                                                                                     |                                                                                                                          |
| The Z-Wave system is designed to manage a series of different scenarios (lighting, heating, doors, security, etc.). It is designed to be secure and reliable, and it is designed to be easy to use. |                                                                                                                          |
| Note: All information on setting devices in the Z-Wave network is available only for other manufacturers who are listed in the manual of these products.                                            |                                                                                                                          |
| <b>ADVANCED CONCEPTS</b>                                                                                                                                                                            |                                                                                                                          |
| 1. Life Line - group for reporting the position of the system that can be used for monitoring information about the status of the system.                                                           |                                                                                                                          |
| 2. Basic Repeat - group for reporting the status of the system that can be used for monitoring information about the status of the system.                                                          |                                                                                                                          |
| 3. Multilevel Repeat - group for reporting the status of the system that can be used for monitoring information about the status of the system.                                                     |                                                                                                                          |
| <b>Z-WAVE PROTOCOLS AND FEATURES</b>                                                                                                                                                                |                                                                                                                          |
| Function                                                                                                                                                                                            | Feature description                                                                                                      |
| Life Line                                                                                                                                                                                           | It allows to report the status of the system that can be used for monitoring information about the status of the system. |
| Basic Repeat                                                                                                                                                                                        | It allows to report the status of the system that can be used for monitoring information about the status of the system. |
| Multilevel Repeat                                                                                                                                                                                   | It allows to report the status of the system that can be used for monitoring information about the status of the system. |
| Life Line                                                                                                                                                                                           | It allows to report the status of the system that can be used for monitoring information about the status of the system. |
| Basic Repeat                                                                                                                                                                                        | It allows to report the status of the system that can be used for monitoring information about the status of the system. |
| Multilevel Repeat                                                                                                                                                                                   | It allows to report the status of the system that can be used for monitoring information about the status of the system. |
| Life Line                                                                                                                                                                                           | It allows to report the status of the system that can be used for monitoring information about the status of the system. |
| Basic Repeat                                                                                                                                                                                        | It allows to report the status of the system that can be used for monitoring information about the status of the system. |
| Multilevel Repeat                                                                                                                                                                                   | It allows to report the status of the system that can be used for monitoring information about the status of the system. |

## FAQJA 5 E ORIGINALIT

### INFORMACIONE SHITESË

#### ALL ON / ALL OFF (TË GJITHA NDEZUR / TË GJITHA FIKUR)

Aktivizimi i këtij funksioni mundëson komandimin e njëkohshëm të të gjitha pajisjeve. Është në dispozicion nëse komanduesi e mbështet.

#### PËRPUTHSHMËRIA E PAJISJEVE Z-WAVE

Z-Wave mundëson integrimin e pajisjeve të prodhuesve të ndryshëm (ndriçim, ngrohje, automatikë shtëpiake etj.). Pajisjet Z-Wave që nuk punojnë me bateri e përcjellin sinjalin e marrë, gjë që mund ta rrisë rrezën e veprimtimit. Ky produkt është i përputhshëm me pajisje të tjera Z-Wave të certifikuara.

**Shënim: Të gjitha informacionet për shtimin e pajisjeve në rrjetin Z-Wave te komanduesit e prodhuesve të tjerë gjenden në udhëzimet për përdorim të atyre produkteve.**

#### GRUPET E ASOCIIMIT

1. Life Line – grup për raportimin e pozicionit të tendës pas çdo ndalimi dhe për marrjen e informacionit për alarmin (mbingarkesë). Në grup mund të jetë më së shumti 1 pajisje.
2. Basic Repeat – grup për dërgimin e komandave të marra të lëvizjes (BASIC SET) te pajisjet që i përkasin këtij grupi. Në grup mund të jenë më së shumti 5 pajisje.
3. Multilevel Repeat – grup për dërgimin e komandave të marra (SWITCH MULTILEVEL SET, SWITCH MULTILEVEL START LEVEL CHANGE, SWITCH MULTILEVEL STOP LEVEL CHANGE) te pajisjet që u përkasin këtyre grupeve. Në grup mund të jenë më së shumti 5 pajisje.

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| Funksioni               | Përshkrimi i funksionit                                                                                                                                                                                                                                                                                                                                          | LED-i i statusit të motorit | LED-i i statusit të rrjetit Z-Wave |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------|
| Autoinclusion           | Mundëson që një tendë e vështirë për t'u arritur të shtohet nga distanca në rrjetin Z-Wave, pa shtypur butonin e programimit. Procedura Autoinclusion aktivizohet:<br>– automatikisht, pas përfundimit të procedurës Autoexclusion; ky modalitet është aktiv më së shumti 10 minuta;<br>– pas lidhjes me furnizimin, kur tenda nuk është caktuar në asnjë rrjet. | -                           | Pas: pulson deri në 10 minuta.     |
| Inclusion               | Tenda mund të shtohet manualisht në rrjetin Z-Wave. Ekzekutoni funksionin Inclusion në komandues dhe pastaj shtypni butonin e programimit në tendë. Ky funksion është i mundur me kusht që tenda të mos jetë caktuar në rrjetin Z-Wave.                                                                                                                          | -                           | Para: i ndezur.<br>Pas: i fikur.   |
| Association             | Tenda mund të shtohet në grupin e zgjedhur në komandues duke shtypur butonin e programimit.                                                                                                                                                                                                                                                                      |                             |                                    |
| Exclude                 | Tenda mund të hiqet nga rrjeti Z-Wave. Ekzekutoni procedurën Exclude në komandues dhe pastaj shtypni butonin e programimit në tendë.                                                                                                                                                                                                                             | -                           | Pas: i ndezur.                     |
| Delete                  | Tenda mund të hiqet nga grupi i zgjedhur i komanduesit. Ekzekutoni procedurën Delete në komandues dhe pastaj shtypni butonin e programimit në tendë.                                                                                                                                                                                                             | -                           | -                                  |
| Device Reset Locally    | Kryeni 5 herë një varg shtypjesh të dyfishta (klikim i dyfishtë) në butonin e programimit. Rivendosja e pajisjes.                                                                                                                                                                                                                                                | -                           | Pas: i ndezur.                     |
| Parameter Reset Locally | Kryeni 3 herë një varg shtypjesh të dyfishta (klikim i dyfishtë) në butonin e programimit. Rikthimi i parametrave të paracaktuar të pajisjes.                                                                                                                                                                                                                    | -                           | Pas: pulson 5 herë.                |

| PRACTICE 1: EXERCISE CUMULATIVE |                             |  |  |  |  |
|---------------------------------|-----------------------------|--|--|--|--|
| Practice Pathway                | Exercises completed         |  |  |  |  |
| Goal 1                          | Completed Exams 1 and 2     |  |  |  |  |
| Goal 2                          | Completed Exams 3 and 4     |  |  |  |  |
| Goal 3                          | Completed Exams 5 and 6     |  |  |  |  |
| Goal 4                          | Completed Exams 7 and 8     |  |  |  |  |
| Goal 5                          | Completed Exams 9 and 10    |  |  |  |  |
| Goal 6                          | Completed Exams 11 and 12   |  |  |  |  |
| Goal 7                          | Completed Exams 13 and 14   |  |  |  |  |
| Goal 8                          | Completed Exams 15 and 16   |  |  |  |  |
| Goal 9                          | Completed Exams 17 and 18   |  |  |  |  |
| Goal 10                         | Completed Exams 19 and 20   |  |  |  |  |
| Goal 11                         | Completed Exams 21 and 22   |  |  |  |  |
| Goal 12                         | Completed Exams 23 and 24   |  |  |  |  |
| Goal 13                         | Completed Exams 25 and 26   |  |  |  |  |
| Goal 14                         | Completed Exams 27 and 28   |  |  |  |  |
| Goal 15                         | Completed Exams 29 and 30   |  |  |  |  |
| Goal 16                         | Completed Exams 31 and 32   |  |  |  |  |
| Goal 17                         | Completed Exams 33 and 34   |  |  |  |  |
| Goal 18                         | Completed Exams 35 and 36   |  |  |  |  |
| Goal 19                         | Completed Exams 37 and 38   |  |  |  |  |
| Goal 20                         | Completed Exams 39 and 40   |  |  |  |  |
| Goal 21                         | Completed Exams 41 and 42   |  |  |  |  |
| Goal 22                         | Completed Exams 43 and 44   |  |  |  |  |
| Goal 23                         | Completed Exams 45 and 46   |  |  |  |  |
| Goal 24                         | Completed Exams 47 and 48   |  |  |  |  |
| Goal 25                         | Completed Exams 49 and 50   |  |  |  |  |
| Goal 26                         | Completed Exams 51 and 52   |  |  |  |  |
| Goal 27                         | Completed Exams 53 and 54   |  |  |  |  |
| Goal 28                         | Completed Exams 55 and 56   |  |  |  |  |
| Goal 29                         | Completed Exams 57 and 58   |  |  |  |  |
| Goal 30                         | Completed Exams 59 and 60   |  |  |  |  |
| Goal 31                         | Completed Exams 61 and 62   |  |  |  |  |
| Goal 32                         | Completed Exams 63 and 64   |  |  |  |  |
| Goal 33                         | Completed Exams 65 and 66   |  |  |  |  |
| Goal 34                         | Completed Exams 67 and 68   |  |  |  |  |
| Goal 35                         | Completed Exams 69 and 70   |  |  |  |  |
| Goal 36                         | Completed Exams 71 and 72   |  |  |  |  |
| Goal 37                         | Completed Exams 73 and 74   |  |  |  |  |
| Goal 38                         | Completed Exams 75 and 76   |  |  |  |  |
| Goal 39                         | Completed Exams 77 and 78   |  |  |  |  |
| Goal 40                         | Completed Exams 79 and 80   |  |  |  |  |
| Goal 41                         | Completed Exams 81 and 82   |  |  |  |  |
| Goal 42                         | Completed Exams 83 and 84   |  |  |  |  |
| Goal 43                         | Completed Exams 85 and 86   |  |  |  |  |
| Goal 44                         | Completed Exams 87 and 88   |  |  |  |  |
| Goal 45                         | Completed Exams 89 and 90   |  |  |  |  |
| Goal 46                         | Completed Exams 91 and 92   |  |  |  |  |
| Goal 47                         | Completed Exams 93 and 94   |  |  |  |  |
| Goal 48                         | Completed Exams 95 and 96   |  |  |  |  |
| Goal 49                         | Completed Exams 97 and 98   |  |  |  |  |
| Goal 50                         | Completed Exams 99 and 100  |  |  |  |  |
| Goal 51                         | Completed Exams 101 and 102 |  |  |  |  |
| Goal 52                         | Completed Exams 103 and 104 |  |  |  |  |
| Goal 53                         | Completed Exams 105 and 106 |  |  |  |  |
| Goal 54                         | Completed Exams 107 and 108 |  |  |  |  |
| Goal 55                         | Completed Exams 109 and 110 |  |  |  |  |
| Goal 56                         | Completed Exams 111 and 112 |  |  |  |  |
| Goal 57                         | Completed Exams 113 and 114 |  |  |  |  |
| Goal 58                         | Completed Exams 115 and 116 |  |  |  |  |
| Goal 59                         | Completed Exams 117 and 118 |  |  |  |  |
| Goal 60                         | Completed Exams 119 and 120 |  |  |  |  |
| Goal 61                         | Completed Exams 121 and 122 |  |  |  |  |
| Goal 62                         | Completed Exams 123 and 124 |  |  |  |  |
| Goal 63                         | Completed Exams 125 and 126 |  |  |  |  |
| Goal 64                         | Completed Exams 127 and 128 |  |  |  |  |
| Goal 65                         | Completed Exams 129 and 130 |  |  |  |  |
| Goal 66                         | Completed Exams 131 and 132 |  |  |  |  |
| Goal 67                         | Completed Exams 133 and 134 |  |  |  |  |
| Goal 68                         | Completed Exams 135 and 136 |  |  |  |  |
| Goal 69                         | Completed Exams 137 and 138 |  |  |  |  |
| Goal 70                         | Completed Exams 139 and 140 |  |  |  |  |
| Goal 71                         | Completed Exams 141 and 142 |  |  |  |  |
| Goal 72                         | Completed Exams 143 and 144 |  |  |  |  |
| Goal 73                         | Completed Exams 145 and 146 |  |  |  |  |
| Goal 74                         | Completed Exams 147 and 148 |  |  |  |  |
| Goal 75                         | Completed Exams 149 and 150 |  |  |  |  |
| Goal 76                         | Completed Exams 151 and 152 |  |  |  |  |
| Goal 77                         | Completed Exams 153 and 154 |  |  |  |  |
| Goal 78                         | Completed Exams 155 and 156 |  |  |  |  |
| Goal 79                         | Completed Exams 157 and 158 |  |  |  |  |
| Goal 80                         | Completed Exams 159 and 160 |  |  |  |  |
| Goal 81                         | Completed Exams 161 and 162 |  |  |  |  |
| Goal 82                         | Completed Exams 163 and 164 |  |  |  |  |
| Goal 83                         | Completed Exams 165 and 166 |  |  |  |  |
| Goal 84                         | Completed Exams 167 and 168 |  |  |  |  |
| Goal 85                         | Completed Exams 169 and 170 |  |  |  |  |
| Goal 86                         | Completed Exams 171 and 172 |  |  |  |  |
| Goal 87                         | Completed Exams 173 and 174 |  |  |  |  |
| Goal 88                         | Completed Exams 175 and 176 |  |  |  |  |
| Goal 89                         | Completed Exams 177 and 178 |  |  |  |  |
| Goal 90                         | Completed Exams 179 and 180 |  |  |  |  |
| Goal 91                         | Completed Exams 181 and 182 |  |  |  |  |
| Goal 92                         | Completed Exams 183 and 184 |  |  |  |  |
| Goal 93                         | Completed Exams 185 and 186 |  |  |  |  |
| Goal 94                         | Completed Exams 187 and 188 |  |  |  |  |
| Goal 95                         | Completed Exams 189 and 190 |  |  |  |  |
| Goal 96                         | Completed Exams 191 and 192 |  |  |  |  |
| Goal 97                         | Completed Exams 193 and 194 |  |  |  |  |
| Goal 98                         | Completed Exams 195 and 196 |  |  |  |  |
| Goal 99                         | Completed Exams 197 and 198 |  |  |  |  |
| Goal 100                        | Completed Exams 199 and 200 |  |  |  |  |

| PRACTICE 2: EXERCISE CUMULATIVE |                             |  |  |  |  |
|---------------------------------|-----------------------------|--|--|--|--|
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| Goal 3                          | Completed Exams 5 and 6     |  |  |  |  |
| Goal 4                          | Completed Exams 7 and 8     |  |  |  |  |
| Goal 5                          | Completed Exams 9 and 10    |  |  |  |  |
| Goal 6                          | Completed Exams 11 and 12   |  |  |  |  |
| Goal 7                          | Completed Exams 13 and 14   |  |  |  |  |
| Goal 8                          | Completed Exams 15 and 16   |  |  |  |  |
| Goal 9                          | Completed Exams 17 and 18   |  |  |  |  |
| Goal 10                         | Completed Exams 19 and 20   |  |  |  |  |
| Goal 11                         | Completed Exams 21 and 22   |  |  |  |  |
| Goal 12                         | Completed Exams 23 and 24   |  |  |  |  |
| Goal 13                         | Completed Exams 25 and 26   |  |  |  |  |
| Goal 14                         | Completed Exams 27 and 28   |  |  |  |  |
| Goal 15                         | Completed Exams 29 and 30   |  |  |  |  |
| Goal 16                         | Completed Exams 31 and 32   |  |  |  |  |
| Goal 17                         | Completed Exams 33 and 34   |  |  |  |  |
| Goal 18                         | Completed Exams 35 and 36   |  |  |  |  |
| Goal 19                         | Completed Exams 37 and 38   |  |  |  |  |
| Goal 20                         | Completed Exams 39 and 40   |  |  |  |  |
| Goal 21                         | Completed Exams 41 and 42   |  |  |  |  |
| Goal 22                         | Completed Exams 43 and 44   |  |  |  |  |
| Goal 23                         | Completed Exams 45 and 46   |  |  |  |  |
| Goal 24                         | Completed Exams 47 and 48   |  |  |  |  |
| Goal 25                         | Completed Exams 49 and 50   |  |  |  |  |
| Goal 26                         | Completed Exams 51 and 52   |  |  |  |  |
| Goal 27                         | Completed Exams 53 and 54   |  |  |  |  |
| Goal 28                         | Completed Exams 55 and 56   |  |  |  |  |
| Goal 29                         | Completed Exams 57 and 58   |  |  |  |  |
| Goal 30                         | Completed Exams 59 and 60   |  |  |  |  |
| Goal 31                         | Completed Exams 61 and 62   |  |  |  |  |
| Goal 32                         | Completed Exams 63 and 64   |  |  |  |  |
| Goal 33                         | Completed Exams 65 and 66   |  |  |  |  |
| Goal 34                         | Completed Exams 67 and 68   |  |  |  |  |
| Goal 35                         | Completed Exams 69 and 70   |  |  |  |  |
| Goal 36                         | Completed Exams 71 and 72   |  |  |  |  |
| Goal 37                         | Completed Exams 73 and 74   |  |  |  |  |
| Goal 38                         | Completed Exams 75 and 76   |  |  |  |  |
| Goal 39                         | Completed Exams 77 and 78   |  |  |  |  |
| Goal 40                         | Completed Exams 79 and 80   |  |  |  |  |
| Goal 41                         | Completed Exams 81 and 82   |  |  |  |  |
| Goal 42                         | Completed Exams 83 and 84   |  |  |  |  |
| Goal 43                         | Completed Exams 85 and 86   |  |  |  |  |
| Goal 44                         | Completed Exams 87 and 88   |  |  |  |  |
| Goal 45                         | Completed Exams 89 and 90   |  |  |  |  |
| Goal 46                         | Completed Exams 91 and 92   |  |  |  |  |
| Goal 47                         | Completed Exams 93 and 94   |  |  |  |  |
| Goal 48                         | Completed Exams 95 and 96   |  |  |  |  |
| Goal 49                         | Completed Exams 97 and 98   |  |  |  |  |
| Goal 50                         | Completed Exams 99 and 100  |  |  |  |  |
| Goal 51                         | Completed Exams 101 and 102 |  |  |  |  |
| Goal 52                         | Completed Exams 103 and 104 |  |  |  |  |
| Goal 53                         | Completed Exams 105 and 106 |  |  |  |  |
| Goal 54                         | Completed Exams 107 and 108 |  |  |  |  |
| Goal 55                         | Completed Exams 109 and 110 |  |  |  |  |
| Goal 56                         | Completed Exams 111 and 112 |  |  |  |  |
| Goal 57                         | Completed Exams 113 and 114 |  |  |  |  |
| Goal 58                         | Completed Exams 115 and 116 |  |  |  |  |
| Goal 59                         | Completed Exams 117 and 118 |  |  |  |  |
| Goal 60                         | Completed Exams 119 and 120 |  |  |  |  |
| Goal 61                         | Completed Exams 121 and 122 |  |  |  |  |
| Goal 62                         | Completed Exams 123 and 124 |  |  |  |  |
| Goal 63                         | Completed Exams 125 and 126 |  |  |  |  |
| Goal 64                         | Completed Exams 127 and 128 |  |  |  |  |
| Goal 65                         | Completed Exams 129 and 130 |  |  |  |  |
| Goal 66                         | Completed Exams 131 and 132 |  |  |  |  |
| Goal 67                         | Completed Exams 133 and 134 |  |  |  |  |
| Goal 68                         | Completed Exams 135 and 136 |  |  |  |  |
| Goal 69                         | Completed Exams 137 and 138 |  |  |  |  |
| Goal 70                         | Completed Exams 139 and 140 |  |  |  |  |
| Goal 71                         | Completed Exams 141 and 142 |  |  |  |  |
| Goal 72                         | Completed Exams 143 and 144 |  |  |  |  |
| Goal 73                         | Completed Exams 145 and 146 |  |  |  |  |
| Goal 74                         | Completed Exams 147 and 148 |  |  |  |  |
| Goal 75                         | Completed Exams 149 and 150 |  |  |  |  |
| Goal 76                         | Completed Exams 151 and 152 |  |  |  |  |
| Goal 77                         | Completed Exams 153 and 154 |  |  |  |  |
| Goal 78                         | Completed Exams 155 and 156 |  |  |  |  |
| Goal 79                         | Completed Exams 157 and 158 |  |  |  |  |
| Goal 80                         | Completed Exams 159 and 160 |  |  |  |  |
| Goal 81                         | Completed Exams 161 and 162 |  |  |  |  |
| Goal 82                         | Completed Exams 163 and 164 |  |  |  |  |
| Goal 83                         | Completed Exams 165 and 166 |  |  |  |  |
| Goal 84                         | Completed Exams 167 and 168 |  |  |  |  |
| Goal 85                         | Completed Exams 169 and 170 |  |  |  |  |
| Goal 86                         | Completed Exams 171 and 172 |  |  |  |  |
| Goal 87                         | Completed Exams 173 and 174 |  |  |  |  |
| Goal 88                         | Completed Exams 175 and 176 |  |  |  |  |
| Goal 89                         | Completed Exams 177 and 178 |  |  |  |  |
| Goal 90                         | Completed Exams 179 and 180 |  |  |  |  |
| Goal 91                         | Completed Exams 181 and 182 |  |  |  |  |
| Goal 92                         | Completed Exams 183 and 184 |  |  |  |  |
| Goal 93                         | Completed Exams 185 and 186 |  |  |  |  |
| Goal 94                         | Completed Exams 187 and 188 |  |  |  |  |
| Goal 95                         | Completed Exams 189 and 190 |  |  |  |  |
| Goal 96                         | Completed Exams 191 and 192 |  |  |  |  |
| Goal 97                         | Completed Exams 193 and 194 |  |  |  |  |
| Goal 98                         | Completed Exams 195 and 196 |  |  |  |  |
| Goal 99                         | Completed Exams 197 and 198 |  |  |  |  |
| Goal 100                        | Completed Exams 199 and 200 |  |  |  |  |

| PRACTICE 3: EXERCISE CUMULATIVE |                             |  |  |  |  |
|---------------------------------|-----------------------------|--|--|--|--|
| Practice Pathway                | Exercises completed         |  |  |  |  |
| Goal 1                          | Completed Exams 1 and 2     |  |  |  |  |
| Goal 2                          | Completed Exams 3 and 4     |  |  |  |  |
| Goal 3                          | Completed Exams 5 and 6     |  |  |  |  |
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| Goal 15                         | Completed Exams 29 and 30   |  |  |  |  |
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| Goal 53                         | Completed Exams 105 and 106 |  |  |  |  |
| Goal 54                         | Completed Exams 107 and 108 |  |  |  |  |
| Goal 55                         | Completed Exams 109 and 110 |  |  |  |  |
| Goal 56                         | Completed Exams 111 and 112 |  |  |  |  |
| Goal 57                         | Completed Exams 113 and 114 |  |  |  |  |
| Goal 58                         | Completed Exams 115 and 116 |  |  |  |  |
| Goal 59                         | Completed Exams 117 and 118 |  |  |  |  |
| Goal 60                         | Completed Exams 119 and 120 |  |  |  |  |
| Goal 61                         | Completed Exams 121 and 122 |  |  |  |  |
| Goal 62                         | Completed Exams 123 and 124 |  |  |  |  |
| Goal 63                         | Completed Exams 125 and 126 |  |  |  |  |
| Goal 64                         | Completed Exams 127 and 128 |  |  |  |  |
| Goal 65                         | Completed Exams 129 and 130 |  |  |  |  |
| Goal 66                         | Completed Exams 131 and 132 |  |  |  |  |
| Goal 67                         | Completed Exams 133 and 134 |  |  |  |  |
| Goal 68                         | Completed Exams 135 and 136 |  |  |  |  |
| Goal 69                         | Completed Exams 137 and 138 |  |  |  |  |
| Goal 70                         | Completed Exams 139 and 140 |  |  |  |  |
| Goal 71                         | Completed Exams 141 and 142 |  |  |  |  |
| Goal 72                         | Completed Exams 143 and 144 |  |  |  |  |
| Goal 73                         | Completed Exams 145 and 146 |  |  |  |  |
| Goal 74                         | Completed Exams 147 and 148 |  |  |  |  |
| Goal 75                         | Completed Exams 149 and 150 |  |  |  |  |
| Goal 76                         | Completed Exams 151 and 152 |  |  |  |  |
| Goal 77                         | Completed Exams 153 and 154 |  |  |  |  |
| Goal 78                         | Completed Exams 155 and 156 |  |  |  |  |
| Goal 79                         | Completed Exams 157 and 158 |  |  |  |  |
| Goal 80                         | Completed Exams 159 and 160 |  |  |  |  |
| Goal 81                         | Completed Exams 161 and 162 |  |  |  |  |
| Goal 82                         | Completed Exams 163 and 164 |  |  |  |  |
| Goal 83                         | Completed Exams 165 and 166 |  |  |  |  |
| Goal 84                         | Completed Exams 167 and 168 |  |  |  |  |
| Goal 85                         | Completed Exams 169 and 170 |  |  |  |  |
| Goal 86                         | Completed Exams 171 and 172 |  |  |  |  |
| Goal 87                         | Completed Exams 173 and 174 |  |  |  |  |
| Goal 88                         | Completed Exams 175 and 176 |  |  |  |  |
| Goal 89                         | Completed Exams 177 and 178 |  |  |  |  |
| Goal 90                         | Completed Exams 179 and 180 |  |  |  |  |
| Goal 91                         | Completed Exams 181 and 182 |  |  |  |  |
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| Goal 93                         | Completed Exams 185 and 186 |  |  |  |  |
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| Goal 96                         | Completed Exams 191 and 192 |  |  |  |  |
| Goal 97                         | Completed Exams 193 and 194 |  |  |  |  |
| Goal 98                         | Completed Exams 195 and 196 |  |  |  |  |
| Goal 99                         | Completed Exams 197 and 198 |  |  |  |  |
| Goal 100                        | Completed Exams 199 and 200 |  |  |  |  |

| PRACTICE 4: EXERCISE CUMULATIVE |                             |  |  |  |  |
|---------------------------------|-----------------------------|--|--|--|--|
| Practice Pathway                | Exercises completed         |  |  |  |  |
| Goal 1                          | Completed Exams 1 and 2     |  |  |  |  |
| Goal 2                          | Completed Exams 3 and 4     |  |  |  |  |
| Goal 3                          | Completed Exams 5 and 6     |  |  |  |  |
| Goal 4                          | Completed Exams 7 and 8     |  |  |  |  |
| Goal 5                          | Completed Exams 9 and 10    |  |  |  |  |
| Goal 6                          | Completed Exams 11 and 12   |  |  |  |  |
| Goal 7                          | Completed Exams 13 and 14   |  |  |  |  |
| Goal 8                          | Completed Exams 15 and 16   |  |  |  |  |
| Goal 9                          | Completed Exams 17 and 18   |  |  |  |  |
| Goal 10                         | Completed Exams 19 and 20   |  |  |  |  |
| Goal 11                         | Completed Exams 21 and 22   |  |  |  |  |
| Goal 12                         | Completed Exams 23 and 24   |  |  |  |  |
| Goal 13                         | Completed Exams 25 and 26   |  |  |  |  |
| Goal 14                         | Completed Exams 27 and 28   |  |  |  |  |
| Goal 15                         | Completed Exams 29 and 30   |  |  |  |  |
| Goal 16                         | Completed Exams 31 and 32   |  |  |  |  |
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| Goal 18                         | Completed Exams 35 and 36   |  |  |  |  |
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| Goal 24                         | Completed Exams 47 and 48   |  |  |  |  |
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| Goal 53                         | Completed Exams 105 and 106 |  |  |  |  |
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| Goal 55                         | Completed Exams 109 and 110 |  |  |  |  |
| Goal 56                         | Completed Exams 111 and 112 |  |  |  |  |
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| Goal 60                         | Completed Exams 119 and 120 |  |  |  |  |
| Goal 61                         | Completed Exams 121 and 122 |  |  |  |  |
| Goal 62                         | Completed Exams 123 and 124 |  |  |  |  |
| Goal 63                         | Completed Exams 125 and 126 |  |  |  |  |
| Goal 64                         | Completed Exams 127 and 128 |  |  |  |  |
| Goal 65                         | Completed Exams 129 and 130 |  |  |  |  |
| Goal 66                         | Completed Exams 131 and 132 |  |  |  |  |
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| Goal 69                         | Completed Exams 137 and 138 |  |  |  |  |
| Goal 70                         | Completed Exams 139 and 140 |  |  |  |  |
| Goal 71                         | Completed Exams 141 and 142 |  |  |  |  |
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| Goal 75                         | Completed Exams 149 and 150 |  |  |  |  |
| Goal 76                         | Completed Exams 151 and 152 |  |  |  |  |
| Goal 77                         | Completed Exams 153 and 154 |  |  |  |  |
| Goal 78                         | Completed Exams 155 and 156 |  |  |  |  |
| Goal 79                         | Completed Exams 157 and 158 |  |  |  |  |
| Goal 80                         | Completed Exams 159 and 160 |  |  |  |  |
| Goal 81                         | Completed Exams 161 and 162 |  |  |  |  |
| Goal 82                         | Completed Exams 163 and 164 |  |  |  |  |
| Goal 83                         | Completed Exams 165 and 166 |  |  |  |  |
|                                 |                             |  |  |  |  |

## PROBLEMET DHE KODET E GABIMEVE

| Tensioni i furnizimit | Sinjalizimi i gabimit                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| >16V                  | Lëvizja e bllokuar në të dy drejtimet.<br>Sinjalizimi – LED-i i gjelbër dhe i kuq pulsojnë dy herë njëkohësisht.                         |
| <10V                  | Lëvizja e bllokuar në drejtimin e mbylljes.<br>Sinjalizimi – LED-i i kontrollit pulson dy herë, tri herë, me intervale prej 2 sekondash. |

**PËRKTHIM NË GJUHËN SHQIPE (JOZYRTAR)**

Ky nuk është dokumenti origjinal i prodhuesit. Vlen origjinali, i bashkëngjitur pas përkthimit: fakro-amz-z-wave-user-manual-en.pdf.

**PARAMETRAT E KONFIGURIMIT Z-WAVE**

| Parametri            | Nr. i parametrit | Vlera  | Vlera e paracaktuar | SET (dërgimi)                             | GET (kërkesa)                                                                  |
|----------------------|------------------|--------|---------------------|-------------------------------------------|--------------------------------------------------------------------------------|
| Cilësimet e fabrikës | 99               | 1<br>2 | 1                   | 1 – rikthimi i parametrave të paracaktuar | 1 – parametrat e paracaktuar<br>2 – parametra të ndryshëm nga të paracaktuarit |
| Autoexclusion        | 100              | 2      | -                   | 2 – autoexclude                           | -                                                                              |

**ALARMET DHE NJOFTIMET**

| Lloji i njoftimit     | Ngjarja                                            |
|-----------------------|----------------------------------------------------|
| Menaxhimi i energjisë | Mbingarkesë                                        |
| Sistemi               | Defekt i pajisjes së sistemit (enkoderë me defekt) |

**RAPORTI SPECIFIK I PRODHUESIT**

| Parametri       | Vlera  |
|-----------------|--------|
| Manufacturer ID | 0x0085 |
| Product Type ID | 0x0005 |
| Product ID      | 0x0111 |

**KLASAT E KOMANDAVE (COMMAND CLASSES)**

| Klasa e komandës                        | Roli: mbështetje | Roli: kontroll |
|-----------------------------------------|------------------|----------------|
| Command Class Z-Wave+ Info v2           | ok               |                |
| Command Class Basic v1                  | ok               | ok             |
| Command Class Version v2                | ok               |                |
| Command Class Manufacturer Specific v2  | ok               |                |
| Command Class Device Reset Locally v1   | ok               |                |
| Command Class Association v2            | ok               |                |
| Command Class Association Group Info v1 | ok               |                |
| Command Class Powerlevel v1             | ok               |                |
| Command Class Switch Binary v1          | ok               |                |
| Command Class Switch Multilevel v3      | ok               | ok             |
| Command Class Switch All v1             | ok               |                |
| Command Class Configuration v1          | ok               |                |
| Command Class Notification v3           | ok               |                |
| Command Class Node Naming v1            | ok               |                |
| Command Class Battery                   | ok               |                |

## PËRKTHIM NË GJUHËN SHQIPE (JOZYRTAR)

Ky nuk është dokumenti original i prodhuesit. Vlen origjinali, i bashkëngjitur pas përkthimit: fakro-amz-z-wave-user-manual-en.pdf.



### FAQJA 7 E ORIGINALIT

#### GARANCIA

Kushtet e garancisë (kodet QR në origjinal): PL –

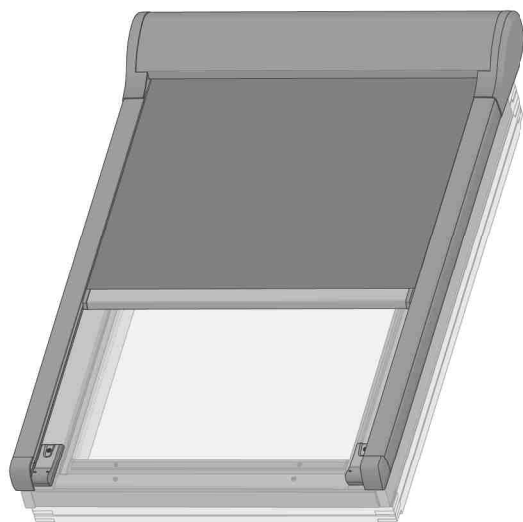
<https://www.fakro.pl/serwis/gwarancja/>; GB – <https://www.fakro.com/service/customer-service/>

Prodhuesi: FAKRO Sp. z o.o., ul. Węgierska 144A, 33-300 Nowy Sącz, PL, tel. +48 18 4440444, fax +48 18 4440333, [www.fakro.com](http://www.fakro.com)

**Certifikata e cilësisë:** fushat për plotësim – Pajisja, Modeli, Numri serik, Shitësi, Adresa, Data e blerjes, Nr. i faturës.

Nënshkrimi (vula) i personit që e ka montuar pajisjen.

## Awning blind for roof window

**AMZ Z-Wave**

|                        |   |
|------------------------|---|
| IMPORTANT INFORMATION  | 2 |
| CONNECTION DIAGRAM     | 3 |
| CONTROL PANEL          | 3 |
| PROGRAMMING            | 4 |
| MANUAL CONTROL         | 4 |
| ADDITIONAL INFORMATION | 5 |
| WARRANTY               | 7 |



## AWNING BLIND DESCRIPTION

The AMZ Z-Wave awning blind is designed for installation on roof windows and suitable for cooperation with Z-Wave remote control system elements with frequency depending on part of the world.

The AMZ Z-Wave awning blind comes with the following protections:

- Mechanical limit switch - when maximally unrolled or rolled up.

- Current limiting - to provide protection against damage in the event of an obstacle or when running a snow-covered awning blind at low temperature.

The functionality of the awning blind allows the percentage read of the current position in the range of 0-100% by the controller with an indicator.

To operate the awning blind, it is required to install it following the picture installation instructions included in the product packaging and assign to the Z-Wave controller. The controller\* must be purchased separately.



\*CONTROLLER - Z-Wave device such as remote control, module, wall button, Internet gateway.

### TECHNICAL SPECIFICATION

**Working temperature:**

-20°C to + 85°C

**Power voltage:**

15V DC

**Rated power:**

20W

**Power cable cross-section:**

2x0.75mm<sup>2</sup>

**Protection class:**

III

**Protection degree:**

IP44

**Radio reach:**

Up to 20 m in a building

**Radio protocol:**

Z-Wave Plus

**Radio frequency:**

EU – 868.4 MHz;

AS/NZ – 921.4 MHz;

US/Canada – 908.4 MHz;

RU – 869 MHz

(depending on version).

### IMPORTANT INFORMATION

Please read carefully the instructions below before proceeding to product installation so as to prevent electric shock, injury, etc.

It is required to observe the following recommendations when installing electrically operated awning blind:

- After unpacking, check the awning blind elements for any signs of mechanical damage.

- Installation should be performed by a qualified person in accordance with manufacturer's instructions.

- Plastic containers used for packing should be stored out of children reach as they may be a potential source of danger.

- The awning blind should be used according to its intended design. FAKRO shall not be responsible for any consequences being the result of improper awning blind use.

- The awning blind cannot be washed using solvent-based substances or open stream of water (do not immerse it in water).

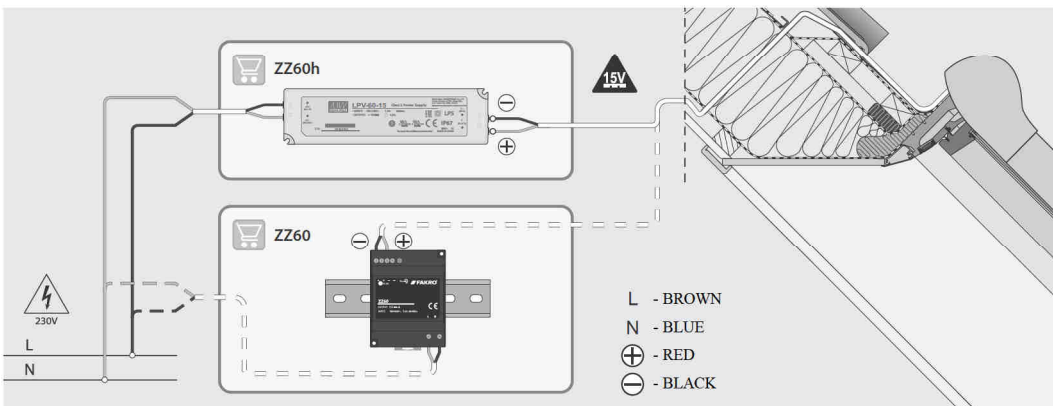
- Any repairs of the awning blind should be carried out by service authorised by the manufacturer.

- The awning blind is intended for outdoor installation.

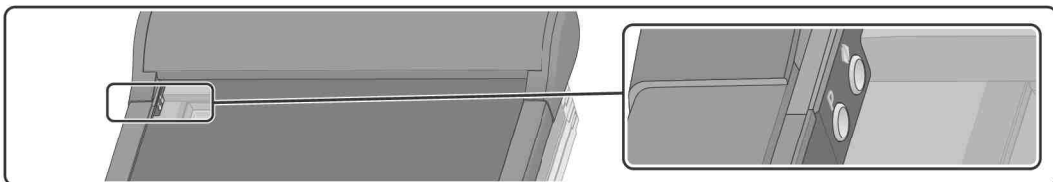
- In the event of adverse weather conditions (frost, snow) it may not be possible to operate the awning blind.

## CONNECTION DIAGRAM

Connect the awning blind to the ZZ60h or ZZ60 power supply unit according to the diagram below. A maximum of two awning blinds can be connected to one power supply unit. The power supply unit must be purchased separately.



## CONTROL PANEL



## BASIC FUNCTIONS



Press the button once.  
Manual control.



Press the button once.  
Programming.

## ADDITIONAL FUNCTIONS



Press the button 3 times.  
Restoring device parameters.  
LED blinks 3 times.

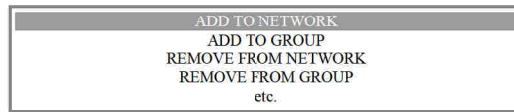


Press the button 5 times.  
Device reset.  
LED is on.

|                                                                                                                                                                       |                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <br>  | Programming LED is on.<br>The device has not been added to the Z-Wave network.           |
| <br>  | Programming LED blinks for 10 minutes.<br>The Autoinclusion function has been activated. |
| <br>  | Programming LED blinks quickly 5 times.<br>Restoring device parameters.                  |
| <br> | Control LED blinks once.<br>The device reached end position.                             |
| <br> | Control LED blinks 3 times.<br>Overload.                                                 |

## PROGRAMMING

For programming information refer to the user manual of the controller which is to control the awning blind.

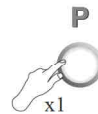


Run selected function on the Z-Wave controller.



### METHOD 1\*

The device is automatically entered into the programming mode - AUTOINCLUSION.  
The device will be automatically added into the Z-Wave network.

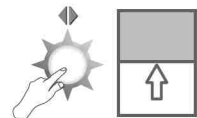
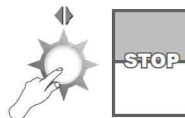
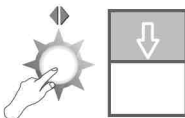


### METHOD 2

Enter the device into the programming mode by pressing the programming button.

 \*It allows a hard-to-access device to be remotely added to the Z-Wave network without the need for pressing the P button. The Autoinclusion procedure is activated automatically:  
- after the Autoexclusion procedure is completed - see Z-WAVE CONFIGURATION PARAMETERS  
- after connecting to the power supply when the awning blind is not assigned to any network  
The mode is active for a maximum of 10 minutes.

## MANUAL CONTROL



Operate the device using the control button: 1. Start, 2. Stop, 3. Start in the opposite direction...

## ADDITIONAL INFORMATION

### ALL ON / ALL OFF

Turning on this function makes it possible to control all devices simultaneously. It is available if supported by the controller.

### Z-WAVE DEVICES COMPATIBILITY

The Z-Wave makes it possible to integrate devices of different manufacturers (lighting, heating, domestic automatic control, etc.). Z-Wave battery-free devices duplicate the received signal, which can result in increased range. This product is compatible with other certified Z-Wave devices.

**Note: All information on adding devices to the Z-Wave network in controllers offered by other manufacturers can be found in user manuals of these products.**

### ASSOCIATION GROUPS

1. Life Line – group for reporting the position of the awning blind after each stop and receiving information about the alarm (overload). A maximum of 1 device can be in the group.
2. Basic Repeat – group used for sending received commands of movement (BASIC SET) to devices belonging to this group. A maximum of 5 devices can be in the group.
3. Multilevel Repeat – group used for sending received commands (SWITCH MULTILEVEL SET, SWITCH MULTILEVEL START LEVEL CHANGE, SWITCH MULTILEVEL STOP LEVEL CHANGE) to devices belonging to these groups. A maximum of 5 devices can be in the group.

### Z-WAVE PROCEDURE DESCRIPTION

| Functions                      | Function description                                                                                                                                                                                                                                                                                                                                                                                           | LED signalling   |                                   |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------|
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                | MOTOR STATUS LED | Z-WAVE NETWORK STATUS LED         |
| <b>Autoinclusion</b>           | It allows a hard-to-access awning blind to be remotely added to the Z-Wave network without the need for pressing the programming button.<br>The Autoinclusion procedure is activated:<br>- Automatically once the Autoexclusion procedure has been completed. This mode is active for a maximum of 10 minutes.<br>- After connecting to the power supply when the awning blind is not assigned to any network. | -                | After: Blinking up to 10 minutes. |
| <b>Inclusion</b>               | The awning blind can be manually added to the Z-Wave network. Run the Inclusion function on the controller and then press the programming button on the awning blind. This function is possible provided that the awning blind is not assigned to the Z-Wave network.                                                                                                                                          | -                | Before: On.<br>After: Off.        |
| <b>Association</b>             | The awning blind can be added to the selected group in the controller by pressing the programming button.                                                                                                                                                                                                                                                                                                      | -                | -                                 |
| <b>Exclude</b>                 | The awning blind can be removed from the Z-Wave network. Run the Exclude procedure in the controller and then press the programming button on the blind.                                                                                                                                                                                                                                                       | -                | After: on                         |
| <b>Delete</b>                  | The awning blind can be removed from the selected group of the controller. Run the Delete procedure in the controller and then press the programming button on the awning blind.                                                                                                                                                                                                                               | -                | -                                 |
| <b>Device Reset Locally</b>    | Perform 5 times a double-click sequence on the programming button.<br>Device reset.                                                                                                                                                                                                                                                                                                                            | -                | After: on                         |
| <b>Parameter Reset Locally</b> | Perform 3 times a double-click sequence on the programming button.<br>Restoring device default parameters.                                                                                                                                                                                                                                                                                                     | -                | After: Blinking 5 times.          |

## PROBLEMS & ERROR CODES

| Power voltage | Error signalling                                                                                                          |
|---------------|---------------------------------------------------------------------------------------------------------------------------|
| >16V          | Movement locked in both directions.<br>Signalling – green and red LEDs blinking twice simultaneously                      |
| <10V          | Movement locked in the close direction.<br>Signalling – control LED blinking twice three times at intervals of 2 seconds. |

## Z-WAVE CONFIGURATION PARAMETERS

| Parameter        | Parameter no. | Value  | Default value | SET (sending)                  | GET (querying)                                              |
|------------------|---------------|--------|---------------|--------------------------------|-------------------------------------------------------------|
| Factory settings | 99            | 1<br>2 | 1             | 1 – restore default parameters | 1 – default parameters<br>2 – parameters other than default |
| Autoexclusion    | 100           | 2      | -             | 2 – autoexclude                | -                                                           |

## ALARMS & NOTIFICATIONS

| Notification type | Event                                      |
|-------------------|--------------------------------------------|
| Energy management | Overload                                   |
| System            | System device failure (defective encoders) |

## MANUFACTURER SPECIFIC REPORT

| Parameter       | Value  |
|-----------------|--------|
| Manufacturer ID | 0x0085 |
| Product Type ID | 0x0005 |
| Product ID      | 0x0111 |

## COMMAND CLASSES

| Command Classes                         | Role    |         |
|-----------------------------------------|---------|---------|
|                                         | Support | Control |
| Command Class Z-Wave+ Info v2           | ok      |         |
| Command Class Basic v1                  | ok      | ok      |
| Command Class Version v2                | ok      |         |
| Command Class Manufacturer Specific v2  | ok      |         |
| Command Class Device Reset Locally v1   | ok      |         |
| Command Class Association v2            | ok      |         |
| Command Class Association Group Info v1 | ok      |         |
| Command Class Powerlevel v1             | ok      |         |
| Command Class Switch Binary v1          | ok      |         |
| Command Class Switch Multilevel v3      | ok      | ok      |
| Command Class Switch All v1             | ok      |         |
| Command Class Configuration v1          | ok      |         |
| Command Class Notification v3           | ok      |         |
| Command Class Node Naming v1            | ok      |         |
| Command Class Battery                   | ok      |         |

## WARRANTY



**PL**

<https://www.fakro.pl/servis/gwarancja/>



**GB**

<https://www.fakro.com/service/customer-service/>

Producent:

**FAKRO Sp. z o.o.**  
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tel. +48 18 4440444, fax +48 18 4440333  
[www.fakro.com](http://www.fakro.com)

Quality certificate:

Device

---

Model

---

Serial number

---

Seller

---

Address

---

Purchase date

---

Invoice No.

---

Signature (stamp) of person installing a device



## **Përkthim jozyrtar në gjuhën shqipe**

Përkthim jozyrtar në gjuhën shqipe, Ymalko. Vlen dokumenti origjinal:

fakro-amz-z-wave-user-manual-en.pdf,

[https://www.fakro.com/att/COMMON/offer/servis/user\\_manuals/user-manual-amz-z-wave.pdf](https://www.fakro.com/att/COMMON/offer/servis/user_manuals/user-manual-amz-z-wave.pdf).

Dokumenti: „Udhëzime për përdorim: AMZ Z-Wave (SQ)”

Ky përkthim është përgatitur nga Ymalko si ndihmë për lexim. Nuk është dokument i prodhuesit dhe nuk e zëvendëson atë. Në rast të çdo dallimi ose paqartësie vlen dokumenti origjinal i prodhuesit.

Faqet 1–7 janë përkthimi; faqet 8–15 janë dokumenti origjinal i prodhuesit FAKRO, i bashkëngjitur pa ndryshime.

Emrat e produkteve, kodet, standardet, njësitë matëse dhe të gjitha vlerat numerike janë dhënë saktësisht siç janë shtypur në origjinal.

Data e përkthimit: 01.10.2026.