

Actuators and indicators

Actuators and indicators are used in control circuits for direct and remote management of operations, vital for industries, commercial establishments and domestic installations. The range offers reliability, critical to operational control, together with flexibility so important to panel assemblers, with the standardised modular construction. The actuators and indicators together with contact blocks, bulb holders and integral indicators and actuators conform to international standards and are certified to carry the following applicable international certification marks.

Advantages:

- All Actuators and Indicators except Integral Indicators and LED Indicators are supplied with First Row Clip as shown
- The Actuator and Indicator fronts are IP65 and IP67 with shroud, except Illuminated Symmetric Head, Lever Head, Tip Head and Lock & Key types due to their inherent construction
- The key is withdrawable in 'O' position for Lock & Key Head Actuators as a standard feature; key withdrawable in other positions is available on request
- Symmetrical Head, Lever Head and Lock & Key Actuators are supplied with antirotation ring (for mounting, see drill plan in continuation)
- For Projecting Head "Push-Push" Actuator, cascading with Side Row Clip or Second Row Clip is not recommended
- The Integral Indicators are suitable for 6V/12V/24V/48V/110V/240V AC/DC supply and for 2.6W max. bulb.
- The Indicators and Illuminated Actuators do not include bulbs except LED Integral Indicators which include LED light source

Non-illuminated actuators



Push button actuators - flush head

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| HD15C1 | red | 004770001 | 0,02 | 10/250 |
| HD15C2 | green | 004770002 | 0,02 | 10/250 |
| HD15C3 | black | 004770003 | 0,02 | 10/250 |
| HD15C4 | yellow | 004770004 | 0,02 | 10/250 |
| HD15C5 | white | 004770005 | 0,02 | 10/250 |
| HD15C6 | blue | 004770006 | 0,02 | 10/250 |
| HD15C7 | orange | 004770007 | 0,02 | 10/250 |

Push button actuators - projecting head push function

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| HD45C1 | red | 004770008 | 0,022 | 10/160 |
| HD45C2 | green | 004770009 | 0,022 | 10/160 |
| HD45C3 | black | 004770010 | 0,022 | 10/160 |
| HD45C4 | yellow | 004770011 | 0,022 | 10/160 |
| HD45C5 | white | 004770012 | 0,022 | 10/160 |
| HD45C6 | blue | 004770013 | 0,022 | 10/160 |
| HD45C7 | orange | 004770014 | 0,022 | 10/160 |

Push button actuators - projecting head push-push function

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| HF45C1 | red | 004770015 | 0,022 | 10/160 |
| HF45C2 | green | 004770016 | 0,022 | 10/160 |
| HF45C3 | black | 004770017 | 0,022 | 10/160 |
| HF45C4 | yellow | 004770018 | 0,022 | 10/160 |
| HF45C5 | white | 004770019 | 0,022 | 10/160 |
| HF45C6 | blue | 004770020 | 0,022 | 10/160 |
| HF45C7 | orange | 004770021 | 0,022 | 10/160 |

Push button actuators - mushroom head 40mm

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| HD55C1 | red | 004770022 | 0,029 | 10/160 |



Push button actuators - mushroom head 40mm, push-turn function

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| HH55C1 | red | 004770023 | 0,029 | 10/160 |



Push button actuators - mushroom head 40mm, push-pull function

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| HG55B1 | red | 004770024 | 0,054 | 8/128 |



Push button actuators - mushroom head 40mm, memory push function

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| HU55B1 | red | 004770025 | 0,051 | 8/128 |



Push button actuators - mushroom head lock and key

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| HQ55C1 | red | 004770026 | 0,056 | 10/160 |





Push button actuators - twin-touch flush (white)

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|------------|-----------|------------|-----------------|
| HD15G0 | ON - green | 004770027 | 0,024 | 10/250 |
| | OFF - red | | | |

Push button actuators - twin-touch flush (black)

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|------------|-----------|------------|-----------------|
| HD15G3 | ON - green | 004770028 | 0,026 | 9/234 |
| | OFF - red | | | |

Compact integral actuators NO

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| TN11A2 | red | 004770051 | 0,016 | 20/320 |
| TN12A2 | green | 004770052 | 0,016 | 20/320 |
| TN14A2 | yellow | 004770053 | 0,016 | 20/320 |
| TN15A2 | white | 004770054 | 0,016 | 20/320 |
| TN16A2 | blue | 004770055 | 0,016 | 20/320 |
| TN17A2 | orange | 004770056 | 0,016 | 20/320 |
| TN13A2 | black | 004770057 | 0,016 | 20/320 |

Compact integral actuators NC

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| TN11B2 | red | 004770058 | 0,016 | 20/320 |
| TN12B2 | green | 004770059 | 0,016 | 20/320 |
| TN14B2 | yellow | 004770060 | 0,016 | 20/320 |
| TN15B2 | white | 004770061 | 0,016 | 20/320 |
| TN16B2 | blue | 004770062 | 0,016 | 20/320 |
| TN17B2 | orange | 004770063 | 0,016 | 20/320 |
| TN13B2 | black | 004770064 | 0,016 | 20/320 |

Compact integral actuators NO+NC

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|--------|-----------|------------|-----------------|
| TN11C2 | red | 004770065 | 0,016 | 20/320 |
| TN12C2 | green | 004770066 | 0,016 | 20/320 |
| TN14C2 | yellow | 004770067 | 0,016 | 20/320 |
| TN15C2 | white | 004770068 | 0,016 | 20/320 |
| TN16C2 | blue | 004770069 | 0,016 | 20/320 |
| TN17C2 | orange | 004770070 | 0,016 | 20/320 |
| TN13C2 | black | 004770071 | 0,016 | 20/320 |

Selector actuator - symmetric head, 2-position

| type | colour | code No. | function | weight [g] | packaging [pcs] |
|--------|--------|-----------|----------------------------|------------|-----------------|
| HK65C1 | red | 004770081 | non spring return 0-1, 30° | 0,022 | 10/160 |
| HR65C1 | | 004770082 | non spring return 0-1, 60° | 0,022 | 10/160 |
| HT65C1 | | 004770083 | non spring return 0-1, 90° | 0,022 | 10/160 |
| HI65C1 | | 004770084 | spring return 0-1, 30° | 0,022 | 10/160 |
| HK65C3 | black | 004770089 | non spring return 0-1, 30° | 0,022 | 10/160 |
| HR65C3 | | 004770090 | non spring return 0-1, 60° | 0,022 | 10/160 |
| HT65C3 | | 004770091 | non spring return 0-1, 90° | 0,022 | 10/160 |
| HI65C3 | | 004770092 | spring return 0-1, 30° | 0,022 | 10/160 |
| HK65C5 | white | 004770097 | non spring return 0-1, 30° | 0,022 | 10/160 |
| HR65C5 | | 004770098 | non spring return 0-1, 60° | 0,022 | 10/160 |
| HT65C5 | | 004770099 | non spring return 0-1, 90° | 0,022 | 10/160 |
| HI65C5 | | 004770100 | spring return 0-1, 30° | 0,022 | 10/160 |


Selector actuator - symmetric head, 3-position

| type | colour | code No. | function | weight [g] | packaging [pcs] |
|--------|--------|-----------|-------------------------------------|------------|-----------------|
| HL65C1 | red | 004770085 | non spring return 1-0-2, 30° | 0,022 | 10/160 |
| HJ65C1 | | 004770086 | spring return 1-0-2, 30° | 0,022 | 10/160 |
| HM65C1 | | 004770087 | spring return, from L.H. 1-0-2, 30° | 0,022 | 10/160 |
| HN65C1 | | 004770088 | spring return, from R.H. 1-0-2, 30° | 0,022 | 10/160 |
| HL65C3 | black | 004770093 | non spring return 1-0-2, 30° | 0,022 | 10/160 |
| HJ65C3 | | 004770094 | spring return 1-0-2, 30° | 0,022 | 10/160 |
| HM65C3 | | 004770095 | spring return, from L.H. 1-0-2, 30° | 0,022 | 10/160 |
| HN65C3 | | 004770096 | spring return, from R.H. 1-0-2, 30° | 0,022 | 10/160 |
| HL65C5 | white | 004770101 | non spring return 1-0-2, 30° | 0,022 | 10/160 |
| HJ65C5 | | 004770102 | spring return 1-0-2, 30° | 0,022 | 10/160 |
| HM65C5 | | 004770103 | spring return, from L.H. 1-0-2, 30° | 0,022 | 10/160 |
| HN65C5 | | 004770104 | spring return, from R.H. 1-0-2, 30° | 0,022 | 10/160 |


Selector actuators - lock and key head rotary type, 2-position

| type | colour | code No. | function | weight [g] | packaging [pcs] |
|--------|--------|-----------|----------------------------|------------|-----------------|
| HK85C3 | black | 004770105 | non spring return 0-1, 30° | 0,05 | 10/160 |
| HR85C3 | | 004770106 | non spring return 0-1, 60° | 0,05 | 10/160 |
| HT85C3 | | 004770107 | non spring return 0-1, 90° | 0,05 | 10/160 |
| HI85C3 | | 004770108 | spring return 0-1, 30° | 0,05 | 10/160 |


Selector actuators - lock and key head rotary type, 3-position

| type | colour | code No. | function | weight [g] | packaging [pcs] |
|--------|--------|-----------|-------------------------------------|------------|-----------------|
| HL85C3 | black | 004770109 | non spring return 1-0-2, 30° | 0,05 | 10/160 |
| HJ85C3 | | 004770110 | spring return 1-0-2, 30° | 0,05 | 10/160 |
| HM85C3 | | 004770111 | spring return, from L.H. 1-0-2, 30° | 0,05 | 10/160 |
| HN85C3 | | 004770112 | spring return, from R.H. 1-0-2, 30° | 0,05 | 10/160 |


Selector actuators - lock and key head push turn type

| type | colour | code No. | function | weight [g] | packaging [pcs] |
|--------|--------|-----------|--------------|------------|-----------------|
| HH85C3 | black | 004770113 | "press/turn" | 0,053 | 10/160 |



Illuminated actuators



Push button actuators - flush head

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|------------|-----------|------------|-----------------|
| HD16C1 | red | 004770131 | 0,02 | 10/250 |
| HD16C2 | green | 004770132 | 0,02 | 10/250 |
| HD16C4 | yellow | 004770133 | 0,02 | 10/250 |
| HD16C5 | white | 004770134 | 0,02 | 10/250 |
| HD16C6 | blue | 004770135 | 0,02 | 10/250 |
| HD16C7 | orange | 004770136 | 0,02 | 10/250 |
| HD16C8 | colourless | 004770137 | 0,02 | 10/250 |



Push button actuators - projecting head push function

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|------------|-----------|------------|-----------------|
| HD46C1 | red | 004770138 | 0,02 | 10/160 |
| HD46C2 | green | 004770139 | 0,02 | 10/160 |
| HD46C4 | yellow | 004770140 | 0,02 | 10/160 |
| HD46C5 | white | 004770141 | 0,02 | 10/160 |
| HD46C6 | blue | 004770142 | 0,02 | 10/160 |
| HD46C7 | orange | 004770143 | 0,02 | 10/160 |
| HD46C8 | colourless | 004770144 | 0,02 | 10/160 |



Push button actuators - projecting head push-push function

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|------------|-----------|------------|-----------------|
| HF46C1 | red | 004770145 | 0,02 | 10/160 |
| HF46C2 | green | 004770146 | 0,02 | 10/160 |
| HF46C4 | yellow | 004770147 | 0,02 | 10/160 |
| HF46C5 | white | 004770148 | 0,02 | 10/160 |
| HF46C6 | blue | 004770149 | 0,02 | 10/160 |
| HF46C7 | orange | 004770150 | 0,02 | 10/160 |
| HF46C8 | colourless | 004770151 | 0,02 | 10/160 |



Push button actuators - twin-touch flash

| type | colour | code No. | weight [g] | packaging [pcs] |
|--------|---|-----------|------------|-----------------|
| HD16G8 | ON – green OFF – red colourless pilot light | 004770152 | 0,026 | 9/234 |

Selector actuator - symmetric head, 2-position

| type | colour | code No. | function | weight [g] | packaging [pcs] |
|--------|------------|-----------|----------------------------|------------|-----------------|
| HK66C1 | red | 004770153 | non spring return 0-1, 30° | 0,022 | 10/160 |
| HR66C1 | | 004770154 | non spring return 0-1, 60° | 0,022 | 10/160 |
| HT66C1 | | 004770155 | non spring return 0-1, 90° | 0,022 | 10/160 |
| HL66C1 | | 004770156 | spring return 0-1, 30° | 0,022 | 10/160 |
| HK66C2 | green | 004770161 | non spring return 0-1, 30° | 0,022 | 10/160 |
| HR66C2 | | 004770162 | non spring return 0-1, 60° | 0,022 | 10/160 |
| HT66C2 | | 004770163 | non spring return 0-1, 90° | 0,022 | 10/160 |
| HL66C2 | | 004770164 | spring return 0-1, 30° | 0,022 | 10/160 |
| HK66C5 | opal | 004770169 | non spring return 0-1, 30° | 0,022 | 10/160 |
| HR66C5 | | 004770170 | non spring return 0-1, 60° | 0,022 | 10/160 |
| HT66C5 | | 004770171 | non spring return 0-1, 90° | 0,022 | 10/160 |
| HL66C5 | | 004770172 | spring return 0-1, 30° | 0,022 | 10/160 |
| HK66C8 | colourless | 004770177 | non spring return 0-1, 30° | 0,022 | 10/160 |
| HR66C8 | | 004770178 | non spring return 0-1, 60° | 0,022 | 10/160 |
| HT66C8 | | 004770179 | non spring return 0-1, 90° | 0,022 | 10/160 |
| HL66C8 | | 004770180 | spring return 0-1, 30° | 0,022 | 10/160 |



Selector actuator - symmetric head, 3-position

| type | colour | code No. | function | weight [g] | packaging [pcs] |
|--------|------------|-----------|-------------------------------------|------------|-----------------|
| HL66C1 | red | 004770157 | non spring return 1-0-2, 30° | 0,022 | 10/160 |
| HJ66C1 | | 004770158 | spring return 1-0-2, 30° | 0,022 | 10/160 |
| HM66C1 | | 004770159 | spring return, from L.H. 1-0-2, 30° | 0,022 | 10/160 |
| HN66C1 | | 004770160 | spring return, from R.H. 1-0-2, 30° | 0,022 | 10/160 |
| HL66C2 | green | 004770165 | non spring return 1-0-2, 30° | 0,022 | 10/160 |
| HJ66C2 | | 004770166 | spring return 1-0-2, 30° | 0,022 | 10/160 |
| HM66C2 | | 004770167 | spring return, from L.H. 1-0-2, 30° | 0,022 | 10/160 |
| HN66C2 | | 004770168 | spring return, from R.H. 1-0-2, 30° | 0,022 | 10/160 |
| HL66C5 | opal | 004770173 | non spring return 1-0-2, 30° | 0,022 | 10/160 |
| HJ66C5 | | 004770174 | spring return 1-0-2, 30° | 0,022 | 10/160 |
| HM66C5 | | 004770175 | spring return, from L.H. 1-0-2, 30° | 0,022 | 10/160 |
| HN66C5 | | 004770176 | spring return, from R.H. 1-0-2, 30° | 0,022 | 10/160 |
| HL66C8 | colourless | 004770181 | non spring return 1-0-2, 30° | 0,022 | 10/160 |
| HJ66C8 | | 004770182 | spring return 1-0-2, 30° | 0,022 | 10/160 |
| HM66C8 | | 004770183 | spring return, from L.H. 1-0-2, 30° | 0,022 | 10/160 |
| HN66C8 | | 004770184 | spring return, from R.H. 1-0-2, 30° | 0,022 | 10/160 |



Indicators



| Indicator without trim collar (plain lens) | | | | |
|--|------------|-----------|------------|-----------------|
| type | colour | code No. | weight [g] | packaging [pcs] |
| HB08F1 | red | 004770201 | 0,016 | 10/250 |
| HB08F2 | green | 004770202 | 0,016 | 10/250 |
| HB08F4 | yellow | 004770203 | 0,016 | 10/250 |
| HB08F5 | opal | 004770204 | 0,016 | 10/250 |
| HB08F6 | blue | 004770205 | 0,016 | 10/250 |
| HB08F7 | orange | 004770206 | 0,016 | 10/250 |
| HB08F8 | colourless | 004770207 | 0,016 | 10/250 |

| Indicator without trim collar (ribbed lens) | | | | |
|---|------------|-----------|------------|-----------------|
| type | colour | code No. | weight [g] | packaging [pcs] |
| HB07F1 | red | 004770208 | 0,016 | 10/250 |
| HB07F2 | green | 004770209 | 0,016 | 10/250 |
| HB07F4 | yellow | 004770210 | 0,016 | 10/250 |
| HB07F5 | opal | 004770211 | 0,016 | 10/250 |
| HB07F6 | blue | 004770212 | 0,016 | 10/250 |
| HB07F7 | orange | 004770213 | 0,016 | 10/250 |
| HB07F8 | colourless | 004770214 | 0,016 | 10/250 |

| Compact integral indicators with ribbed lens, black body, without trim collar* | | | | | |
|--|--------|------------|-----------|------------|-----------------|
| type | colour | voltage | code No. | weight [g] | packaging [pcs] |
| TL01T1 | red | 12V AC/DC | 004770221 | 0,019 | 20/320 |
| TL02T1 | green | | 004770222 | 0,019 | 20/320 |
| TL04T1 | yellow | | 004770223 | 0,019 | 20/320 |
| TL06T1 | blue | | 004770224 | 0,019 | 20/320 |
| TL07T1 | orange | | 004770225 | 0,019 | 20/320 |
| TL05T1 | opal | | 004770226 | 0,019 | 20/320 |
| TL01U1 | red | 24V AC/DC | 004770227 | 0,019 | 20/320 |
| TL02U1 | green | | 004770228 | 0,019 | 20/320 |
| TL04U1 | yellow | | 004770229 | 0,019 | 20/320 |
| TL06U1 | blue | | 004770230 | 0,019 | 20/320 |
| TL07U1 | orange | | 004770231 | 0,019 | 20/320 |
| TL05U1 | opal | | 004770232 | 0,019 | 20/320 |
| TL01V1 | red | 48V AC/DC | 004770233 | 0,019 | 20/320 |
| TL02V1 | green | | 004770234 | 0,019 | 20/320 |
| TL04V1 | yellow | | 004770235 | 0,019 | 20/320 |
| TL06V1 | blue | | 004770236 | 0,019 | 20/320 |
| TL07V1 | orange | | 004770237 | 0,019 | 20/320 |
| TL05V1 | opal | | 004770238 | 0,019 | 20/320 |
| TL01W1 | red | 110V AC/DC | 004770239 | 0,019 | 20/320 |
| TL02W1 | green | | 004770240 | 0,019 | 20/320 |
| TL04W1 | yellow | | 004770241 | 0,019 | 20/320 |
| TL06W1 | blue | | 004770242 | 0,019 | 20/320 |
| TL07W1 | orange | | 004770243 | 0,019 | 20/320 |
| TL05W1 | opal | | 004770244 | 0,019 | 20/320 |
| TL01X1 | red | 240V AC | 004770245 | 0,019 | 20/320 |
| TL02X1 | green | | 004770246 | 0,019 | 20/320 |
| TL04X1 | yellow | | 004770247 | 0,019 | 20/320 |
| TL06X1 | blue | | 004770248 | 0,019 | 20/320 |
| TL07X1 | orange | | 004770249 | 0,019 | 20/320 |
| TL05X1 | opal | | 004770250 | 0,019 | 20/320 |



* all above indicators are for incandescent BA9S lamps.
The standard supply does not include lamps and they can be ordered separately.

LED integral indicators with ribbed lens, white body, without trim collar*

| type | colour | voltage | code No. | weight [g] | packaging [pcs] |
|----------|--------|-----------|-----------|------------|-----------------|
| HS03F1T1 | red | 12V AC/DC | 004770271 | 0,024 | 20/320 |
| HS03F2T1 | green | | 004770272 | 0,024 | 20/320 |
| HS03F4T1 | yellow | | 004770273 | 0,024 | 20/320 |
| HS03F6T1 | blue | | 004770274 | 0,024 | 20/320 |
| HS03F7T1 | orange | | 004770275 | 0,024 | 20/320 |
| HS03F5T1 | opal | | 004770276 | 0,024 | 20/320 |
| HS03F1U1 | red | 24V AC/DC | 004770277 | 0,024 | 20/320 |
| HS03F2U1 | green | | 004770278 | 0,024 | 20/320 |
| HS03F4U1 | yellow | | 004770279 | 0,024 | 20/320 |
| HS03F6U1 | blue | | 004770280 | 0,024 | 20/320 |
| HS03F7U1 | orange | | 004770281 | 0,024 | 20/320 |
| HS03F5U1 | opal | | 004770282 | 0,024 | 20/320 |
| HS03F1V1 | red | 48V AC/DC | 004770283 | 0,024 | 20/320 |
| HS03F2V1 | green | | 004770284 | 0,024 | 20/320 |
| HS03F4V1 | yellow | | 004770285 | 0,024 | 20/320 |
| HS03F6V1 | blue | | 004770286 | 0,024 | 20/320 |
| HS03F7V1 | orange | | 004770287 | 0,024 | 20/320 |
| HS03F5V1 | opal | | 004770288 | 0,024 | 20/320 |
| HS03F1W1 | red | 110V AC | 004770289 | 0,024 | 20/320 |
| HS03F2W1 | green | | 004770290 | 0,024 | 20/320 |
| HS03F4W1 | yellow | | 004770291 | 0,024 | 20/320 |
| HS03F6W1 | blue | | 004770292 | 0,024 | 20/320 |
| HS03F7W1 | orange | | 004770293 | 0,024 | 20/320 |
| HS03F5W1 | opal | | 004770294 | 0,024 | 20/320 |
| HS03F1X1 | red | 240V AC | 004770295 | 0,024 | 20/320 |
| HS03F2X1 | green | | 004770296 | 0,024 | 20/320 |
| HS03F4X1 | yellow | | 004770297 | 0,024 | 20/320 |
| HS03F6X1 | blue | | 004770298 | 0,024 | 20/320 |
| HS03F7X1 | orange | | 004770299 | 0,024 | 20/320 |
| HS03F5X1 | opal | | 004770300 | 0,024 | 20/320 |

* All above indicators are for incandescent BA9S lamps.

The standard supply does not include lamps and they can be ordered separately.



Accessories



| Modular contact blocks | | | | |
|------------------------|--|-----------|------------|-----------------|
| type | function | code No. | weight [g] | packaging [pcs] |
| HC61A2 | contact block NO | 004770311 | 0,010 | 20/1200 |
| HC61B2 | contact block NC | 004770312 | 0,010 | 20/1200 |
| HC71C2 | assembly module for indicators or illuminated actuators with transformer block | 004770313 | 0,010 | 20/1200 |

| Modular bulb holder blocks for BA9S bulbs | | | | |
|---|--|-----------|------------|-----------------|
| type | function | code No. | weight [g] | packaging [pcs] |
| HC61R1 | direct supply to bulb, 2,6W max | 004770314 | 0,011 | 20/700 |
| HC61S1 | 6V, 2W bulb for 6V AC/DC supply | 004770315 | 0,011 | 20/700 |
| HC61T1 | 12V, 2W bulb for 12V AC/DC supply | 004770316 | 0,011 | 20/700 |
| HC61U1 | 24V, 2W bulb for 24V AC/DC supply | 004770317 | 0,011 | 20/700 |
| HC61V1 | 48V, 2W bulb for 48V AC/DC supply | 004770318 | 0,011 | 20/700 |
| HC61W1 | 130V, 2W bulb for 110V AC/DC supply | 004770319 | 0,011 | 20/700 |
| HC61X1 | with series R & diode for 130V, 20mA bulb and 240V AC supply | 004770320 | 0,011 | 20/700 |

| Clips for modular blocks | | | | |
|--------------------------|---|-----------|------------|-----------------|
| type | function | code No. | weight [g] | packaging [pcs] |
| HC922002 | 3 module first row clip | 004770321 | 0,008 | 350/700 |
| HE102000 | 1 module first row clip | 004770322 | 0,004 | 400/800 |
| HC122030 | 3 module second row clip (vertical cascading) | 004770323 | 0,002 | 500/1000 |
| HC929002 | side row clip (horizontal cascading) | 004770891 | 0,004 | 700 |

| Fixing device | | | |
|---------------|-----------|------------|-----------------|
| type | code No. | weight [g] | packaging [pcs] |
| HH192000 | 004770325 | 0,030 | 20/200 |

Actuators and indicators

Lamp extractor

| type | code No. | weight [g] | packaging [pcs] |
|----------|-----------|------------|-----------------|
| HH157000 | 004770326 | 0,010 | 350/700 |

Filament lamps BA9S - 11x28max.

| type | voltage | code No. | weight [g] | packaging [pcs] |
|----------|---|-----------|------------|-----------------|
| HCS50001 | 6V, 2W VAC/DC | 004770331 | 0,002 | 100/3000 |
| HCS50002 | 12V, 2W VAC/DC | 004770332 | 0,002 | 100/3000 |
| HCS50003 | 24V, 2W VAC/DC | 004770333 | 0,002 | 100/3000 |
| HCS50004 | 48V, 2W VAC/DC | 004770334 | 0,002 | 100/3000 |
| HCS50005 | 130V, 20mA suitable for 110V AC/DC (or 240V AC with series resistor and diode) | 004770335 | 0,002 | 100/3000 |

Antirotaion ring

| type | code No. | weight [g] | packaging [pcs] |
|----------|-----------|------------|-----------------|
| HH180004 | 004770341 | 0,001 | 500/10000 |

Transparent shroud

| type | code No. | weight [g] | packaging [pcs] |
|----------|-----------|------------|-----------------|
| HH150100 | 004770342 | 0,002 | 200/1000 |

Adaptor ring (for 30 to 22mm panel cutout conversion)

| type | colour, type | code No. | weight [g] | packaging [pcs] |
|----------|----------------------|-----------|------------|-----------------|
| HH180000 | grey, front | 004770343 | 0,001 | 500/4000 |
| HH180001 | grey, rear | 004770344 | 0,001 | 500/4000 |
| HH182004 | black, front | 004770345 | 0,001 | 500/4000 |
| HH182005 | black, rear | 004770346 | 0,001 | 500/4000 |
| HH196006 | chrome plated, front | 004770347 | 0,001 | 500/4000 |
| HH196007 | chrome plated, rear | 004770348 | 0,001 | 500/4000 |

Blanking plugs

| type | colour, type | code No. | weight [g] | packaging [pcs] |
|----------|-----------------------|-----------|------------|-----------------|
| HH180002 | grey, convex | 004770351 | 0,004 | 500/2000 |
| HH180003 | grey, flat | 004770352 | 0,004 | 500/2000 |
| HH182008 | black, convex | 004770353 | 0,004 | 500/2000 |
| HH182009 | black, flat | 004770354 | 0,004 | 500/2000 |
| HH196010 | chrome plated, convex | 004770355 | 0,004 | 500/2000 |
| HH196011 | chrome plated, flat | 004770356 | 0,004 | 500/2000 |

