# Enchufes y tomas industriales

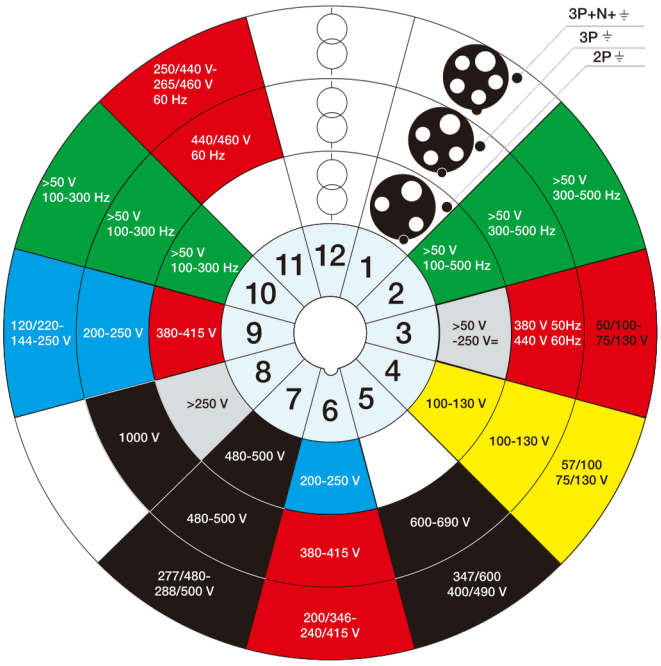
## Serie 3SP1 IP44 (16A & 32A) IP67 (63A)

## Descripción

- Los enchufes y tomas industriales están diseñados básicamente para ser adecuados para aplicaciones en interiore
donde es necesario poder conectar y desconectar, como la industria, las obras de construcción, el taller, el sector ag
locales comerciales y los hogares.

Posición del reloj
IEC 60309-1, -2

- Posición del manguito de puesta a tierra con respecto al chavetero principal para varios voltajes y frecuencias.
- Los códigos de color corresponden a la tensión nominal.




## Posición del contacto de tierra

- Los enchufes y tomas con tensiones nominales superiores a 50 V deben tener un contacto a tierra.

Para evitar la inserción incorrecta de diferentes voltajes o frecuencias, se diseña una punta en el enchufe de acuerdo
o frecuencias para encajar en un chavetero en el receptáculo, asegurando así que la clavija o tubo de contacto a tierr
correctamente posicionado de acuerdo con los requisitos requeridos. estándar eléctrico.

| | | 3SP1 | | 3SP2 | 3SP6 | |
|---|---|---|---|---|---|---|
| | | IP44 | IP67 | IP67 | IP44 | IP67 |
| 16 A | 110-130 V | ● | | ● | ● | ● |
| | 220-240 V | ● | | ● | ● | ● |
| | 380-415 V | ● | | ● | ● | ● |
| 32 A | 110-130 V | ● | | ● | ● | ● |
| | 220-240 V | ● | | ● | ● | ● |
| | 380-415 V | ● | | ● | ● | ● |
| 63 A | 220-240 V | | ● | ● | | |
| | 380-415 V | | ● | ● | | |

# Enchufes y tomas industriales

## Serie 3SP1 IP44 (16A & 32A) IP67 (63A)

## Macho Volante





| Amperes A | Polos | Voltaje 50/60 Hz V | HR. POS | | | Dimensiones a | b | c | d | sw |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | mm | | | | |
| 16 | 2P+E | 110-130 | 4h | 3SP1-013-4 | **14253** | 118 | 82 | 47 | 6-15 | 38 |
| | | 220-240 | 6h | 3SP1-013 | **31433** | 118 | 82 | 47 | 6-15 | 38 |
| | 3P+E | 380-415 | 6h | 3SP1-014 | **31436** | 124 | 88 | 83 | 6-15 | 38 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-015 | **31439** | 131 | 95 | 61 | 8-16 | 42 |
| 32 | 2P+E | 110-130 | 4h | 3SP1-023-4 | **14254** | 146 | 100 | 63 | 10-20 | 50 |
| | | 220-240 | 6h | 3SP1-023 | **31434** | 146 | 100 | 63 | 10-20 | 50 |
| | 3P+E | 380-415 | 6h | 3SP1-024 | **31437** | 146 | 100 | 63 | 10-20 | 50 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-025 | **31440** | 152 | 106 | 70 | 10-20 | 50 |
| 63 | 2P+E | 220-240 | 6h | 3SP1-033 | **31435** | 230 | 109 | | | 36 |
| | 3P+E | 380-415 | 6h | 3SP1-034 | **31438** | 230 | 109 | | | 36 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-035 | **31441** | 230 | 109 | | | 36 |

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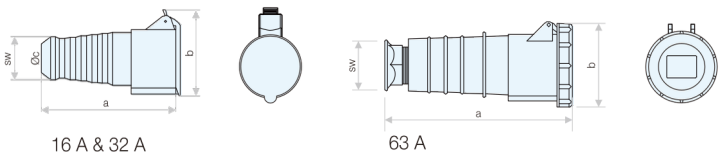
## Hembra Volante





| Amperes A | Polos | Voltaje 50/60 Hz V | HR. POS | | | Dimensiones a | b | c | d | sw |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | mm | | | | |
| 16 | 2P+E | 110-130 | 4h | 3SP1-213-4 | **14259** | 129 | 76 | 6-15 | | 38 |
| | | 220-240 | 6h | 3SP1-213 | **31451** | 129 | 76 | 6-15 | | 38 |
| | 3P+E | 380-415 | 6h | 3SP1-214 | **31454** | 135 | 80 | 6-15 | | 38 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-215 | **31457** | 142 | 89 | 8-16 | | 42 |
| 32 | 2P+E | 110-130 | 4h | 3SP1-223-4 | **14260** | 159 | 92 | 10-20 | | 50 |
| | | 220-240 | 6h | 3SP1-223 | **31452** | 159 | 92 | 10-20 | | 50 |
| | 3P+E | 380-415 | 6h | 3SP1-224 | **31455** | 159 | 92 | 10-20 | | 50 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-225 | **31458** | 165 | 98 | 10-20 | | 50 |
| 63 | 2P+E | 220-240 | 6h | 3SP1-233 | **31453** | 240 | 112 | | | 36 |
| | 3P+E | 380-415 | 6h | 3SP1-234 | **31456** | 240 | 112 | | | 36 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-235 | **31459** | 240 | 112 | | | 36 |

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# Enchufes y tomas industriales

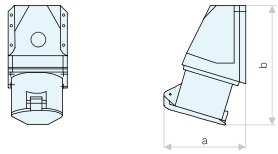
## Serie 3SP1 IP44 (16A & 32A) IP67 (63A)

## Hembra sobreponer

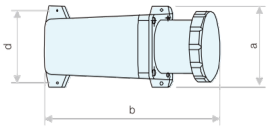




| Amperes A | Polos | Voltaje 50/60 Hz V | HR. POS | | | Dimensiones a mm | b | c | d |
|---|---|---|---|---|---|---|---|---|---|
| 16 | 2P+E | 110-130 | 4h | 3SP1-113-4 | **14255** | 87 | 137 | | |
| | | 220-240 | 6h | 3SP1-113 | **31442** | 87 | 137 | | |
| | 3P+E | 380-415 | 6h | 3SP1-114 | **31445** | 95 | 139 | | |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-115 | **31448** | 99 | 138 | | |
| 32 | 2P+E | 110-130 | 4h | 3SP1-123-4 | **14256** | 101 | 153 | | |
| | | 220-240 | 6h | 3SP1-123 | **31443** | 101 | 153 | | |
| | 3P+E | 380-415 | 6h | 3SP1-124 | **31446** | 101 | 153 | | |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-125 | **31449** | 104 | 154 | | |
| 63 | 2P+E | 220-240 | 6h | 3SP1-133 | **31444** | 125 | 270 | | 109 |
| | 3P+E | 380-415 | 6h | 3SP1-134 | **31447** | 125 | 270 | | 109 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-135 | **31450** | 125 | 270 | | 109 |




16 A & 32 A

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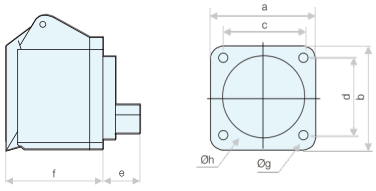
## Hembra empotrar



| Amperes A | Polos | Voltaje 50/60 Hz V | HR. POS | | | Dimensiones a mm | b | c | d | e | f | g |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 2P+E | 110-130 | 4h | 3SP1-313-4 | **14257** | 76 | 76 | 61 | 61 | 16 | 60 | 5.5 |
| | | 220-240 | 6h | 3SP1-313 | **31460** | 76 | 76 | 61 | 61 | 16 | 60 | 5.5 |
| | 3P+E | 380-415 | 6h | 3SP1-314 | **31463** | 76 | 76 | 61 | 61 | 17 | 60 | 5.5 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-315 | **31466** | 76 | 76 | 61 | 61 | 18 | 58 | 5.5 |
| 32 | 2P+E | 110-130 | 4h | 3SP1-323-4 | **14258** | 76 | 76 | 61 | 61 | 20 | 70 | 5.5 |
| | | 220-240 | 6h | 3SP1-323 | **31461** | 76 | 76 | 61 | 61 | 20 | 70 | 5.5 |
| | 3P+E | 380-415 | 6h | 3SP1-324 | **31464** | 76 | 76 | 61 | 61 | 20 | 70 | 5.5 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-325 | **31467** | 76 | 76 | 61 | 61 | 22 | 71 | 5.5 |
| 63 | 2P+E | 220-240 | 6h | 3SP1-333 | **31462** | 100 | 100 | 80 | 80 | 39 | 95 | 114 |
| | 3P+E | 380-415 | 6h | 3SP1-334 | **31465** | 100 | 100 | 80 | 80 | 39 | 95 | 114 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP1-335 | **31468** | | | | | | | |

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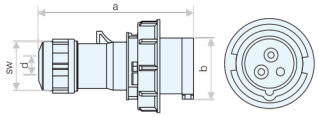
# Enchufes y tomas industriales

## Serie 3SP2 IP67





| Amperes A | Polos | Voltaje 50/60 Hz V | HR. POS | | | Dimensiones a mm | b | c | d | sw |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 2P+E | 110-130 | 4h | 3SP2-0132-4 | **14261** | 118 | 82 | | 6-15 | 38 |
| | | 220-240 | 6h | 3SP2-0131 | **31469** | 118 | 82 | | 6-16 | 38 |
| | 3P+E | 380-415 | 6h | 3SP2-0141 | **31472** | 124 | 79 | | 6-16 | 38 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-0151 | **31475** | 131 | 87 | | 8-16 | 42 |
| 32 | 2P+E | 110-130 | 4h | 3SP2-0232-4 | **14262** | 146 | 100 | | 10-20 | 50 |
| | | 220-240 | 6h | 3SP2-0231 | **31470** | 146 | 100 | | 10-20 | 50 |
| | 3P+E | 380-415 | 6h | 3SP2-0241 | **31473** | 146 | 93 | | 10-20 | 50 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-0251 | **31476** | 152 | 100 | | 10-20 | 50 |
| 63 | 2P+E | 220-240 | 6h | 3SP2-0331 | **31471** | 240 | 115 | 30 | | |
| | 3P+E | 380-415 | 6h | 3SP2-0341 | **31474** | 240 | 115 | 30 | | |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-0351 | **31477** | 240 | 115 | 30 | | |

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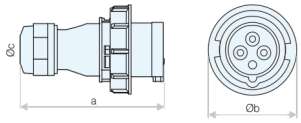


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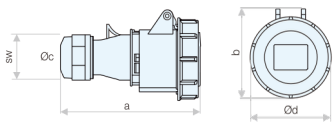
## Hembra volante IP67



| Amperes A | Polos | Voltaje 50/60 Hz V | HR. POS | | | Dimensiones a mm | b | c | d |
|---|---|---|---|---|---|---|---|---|---|
| 16 | 2P+E | 110-130 | 4h | 3SP2-2132-4 | **14267** | 133 | 78 | 6-15 | 38 |
| | | 220-240 | 6h | 3SP2-2131 | **31487** | 133 | 78 | 6-15 | 38 |
| | 3P+E | 380-415 | 6h | 3SP2-2141 | **31490** | 139 | 84 | 6-15 | 38 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-2151 | **31493** | 145 | 92 | 6-15 | 38 |
| 32 | 2P+E | 110-130 | 4h | 3SP2-2232-4 | **14268** | 162 | 96 | 10-20 | 50 |
| | | 220-240 | 6h | 3SP2-2231 | **31488** | 162 | 96 | 10-20 | 50 |
| | 3P+E | 380-415 | 6h | 3SP2-2241 | **31491** | 162 | 96 | 10-20 | 50 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-2251 | **31494** | 168 | 102 | 10-20 | 50 |
| 63 | 2P+E | 220-240 | 6h | 3SP2-2331 | **31489** | 261 | 114 | 30 | 112 |
| | 3P+E | 380-415 | 6h | 3SP2-2341 | **31492** | 261 | 114 | 30 | 112 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-2351 | **31495** | 261 | 114 | 30 | 112 |

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# Enchufes y tomas industriales

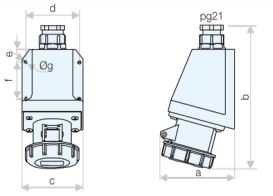
## Serie 3SP2 IP67

## Hembra sobreponer IP67





| Amperes A | Polos | Voltaje 50/60 Hz V | HR. POS | | | Dimensiones a mm | b | c | d | e | f | g |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 2P+E | 110-130 | 4h | 3SP2-1132-4 | **14263** | 96 | 151 | 81 | 71 | 17 | 48 | 5.2 |
| | | 220-240 | 6h | 3SP2-1131 | **31478** | 96 | 151 | 81 | 71 | 17 | 48 | 5.2 |
| | 3P+E | 380-415 | 6h | 3SP2-1141 | **31481** | 98 | 155 | 81 | 71 | 17 | 48 | 5.2 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-1151 | **31484** | 103 | 153 | 87 | 71 | 17 | 47.5 | 5.2 |
| 32 | 2P+E | 110-130 | 4h | 3SP2-1232-4 | **14264** | 107 | 165 | | | | | |
| | | 220-240 | 6h | 3SP2-1231 | **31479** | 107 | 165 | | | | | |
| | 3P+E | 380-415 | 6h | 3SP2-1241 | **31482** | 107 | 165 | | | | | |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-1251 | **31485** | 109 | 166 | | | | | |
| 63 | 2P+E | 220-240 | 6h | 3SP2-1331 | **31480** | 171 | 170 | 238 | 118 | | | |
| | 3P+E | 380-415 | 6h | 3SP2-1341 | **31483** | 171 | 170 | 238 | 118 | | | |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-1351 | **31486** | 171 | 170 | 238 | 118 | | | |

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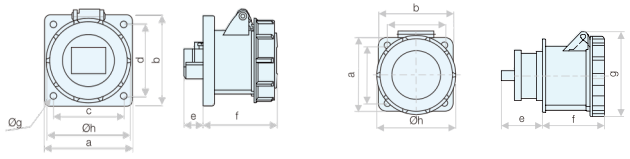
## Hembra empotrar IP67





| Amperes A | Polos | Voltaje 50/60 Hz V | HR. POS | | | Dimensiones a mm | b | c | d | e | f | g | h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 2P+E | 110-130 | 4h | 3SP2-3132-4 | **14265** | 76 | 76 | 61 | 61 | 16 | 61 | 5.5 | 46 |
| | | 220-240 | 6h | 3SP2-3131 | **31496** | 76 | 76 | 61 | 61 | 16 | 61 | 5.5 | 46 |
| | 3P+E | 380-415 | 6h | 3SP2-3141 | **31499** | 76 | 76 | 61 | 61 | 17 | 61 | 5.5 | 46 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-3151 | **31502** | 76 | 76 | 61 | 61 | 17 | 62 | 5.5 | 46 |
| 32 | 2P+E | 110-130 | 4h | 3SP2-3232-4 | **14266** | 76 | 76 | 61 | 61 | 20 | 74 | 5.5 | 60 |
| | | 220-240 | 6h | 3SP2-3231 | **31497** | 76 | 76 | 61 | 61 | 20 | 74 | 5.5 | 60 |
| | 3P+E | 380-415 | 6h | 3SP2-3241 | **31500** | 76 | 76 | 61 | 61 | 20 | 74 | 5.5 | 60 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-3251 | **31503** | 76 | 76 | 61 | 61 | 22 | 73 | 5.5 | 60 |
| 63 | 2P+E | 220-240 | 6h | 3SP2-3331 | **31498** | 100 | 100 | 80 | 80 | 39 | 95 | 114 | 80 |
| | 3P+E | 380-415 | 6h | 3SP2-3341 | **31501** | 100 | 100 | 80 | 80 | 39 | 95 | 114 | 80 |
| | 3P+N+E | 220-380/240-415 | 6h | 3SP2-3351 | **31504** | 100 | 100 | 80 | 80 | 39 | 95 | 114 | 80 |

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63 A