

PRODUCT DESCRIPTION



SCA03004012

JUNCTION BOX

*representative image

TECHNICAL CHARACTERISTICS

| | | |
|--|---|------|
| PRODUCT CODE | SCA03004012 | |
| DESCRIPTION | JUNCTION BOX B300 X H400 X P120 | |
| MATERIAL | STAINLESS STEEL AISI 304 (1.4301) | |
| MATERIAL FINISHING | SCOTCH BRITE | |
| IP PROTECTION GRADE (EN 60529) | IP66 / IP69K | |
| IK RATING (EN 62262) | IK08 | |
| NEMA RATING 250 | 4X | |
| UL/CSA UL508A CERTIFICATION, CSA C22.2 n° 14-13 | NEMA 1.12.4.4X | |
| DIMENSIONS | WIDTH mm | 300 |
| | HEIGHT mm | 400 |
| | DEPTH mm | 120 |
| BODY | THICKNESS mm | 1.2 |
| | SINGLE-BODY CONSTRUCTION BENT AND CONTINUOUSLY WELDED | |
| DOOR | THICKNESS mm | 1.2 |
| | POLYURETHANE GASKET (RANGE TEMPERATURE: -40°C + 90°C) | |
| NUMBER OF LOCKS | 4 | |
| NUMBER OF REAR FIXING | 4 | |
| FIXING INSERT | BLIND THREADED M6 | |
| REAR FIXING DISTANCE | WIDTH mm | 260 |
| | HEIGHT mm | 360 |
| SUPPLY KIT | INTERNAL PLATE FIXING SCREWS KIT | |
| PACKAGING | CARDBOARD | |
| WEIGHT (PLATE EXCLUDED) | Kg | 4.9 |
| VOLUME | m ³ | 0.14 |

| | | |
|----------------------------------|-----------------------|------------------|
| (OPTIONAL) INTERNAL PLATE | PLATE CODE | SPE030040 |
| | MATERIAL | GALVANIZED STEEL |
| | WIDTH mm | 247 |
| | HEIGHT mm | 370 |
| | ENCUMBRANCE mm | 2 |
| | THICKNESS mm | 2 |
| | WEIGHT Kg | 2 |

POWER DISSIPATION TABLES

POWER DISSIPATION



MAXIMUM DISSIPABLE POWER IN WATT (W) FOR ALLOWED OVERTEMPERATURE (T °) VALUES (EXTERNAL TEMP. + OVERTEMPERATURE = 60 ° C)

| | | | REAR RAGAINST WALL | | | |
|-----|-----|-----|-----------------------------|------|------|------|
| | | | OVERTEMPERATURE VALUES (dT) | | | |
| W | H | D | 25°C | 30°C | 35°C | 40°C |
| mm | mm | mm | W | W | W | W |
| 300 | 400 | 120 | 30 | 36 | 42 | 48 |

POWER DISSIPATION



MAXIMUM DISSIPABLE POWER IN WATT (W) FOR ALLOWED OVERTEMPERATURE (T °) VALUES (EXTERNAL TEMP. + OVERTEMPERATURE = 60 ° C)

| | | | ALL SIDES FREE | | | |
|-----|-----|-----|-----------------------------|------|------|------|
| | | | OVERTEMPERATURE VALUES (dT) | | | |
| W | H | D | 25°C | 30°C | 35°C | 40°C |
| mm | mm | mm | W | W | W | W |
| 300 | 400 | 120 | 32 | 30 | 44 | 51 |

download link CAD drawing: <https://www.compex.it/download/>