

SMART ENERGY-PLUS  
SISTEMA SBARRE  
UNIVERSALE  
IN ALLUMINIO  
FINO A 6300A



Alcu<sup>®</sup>  
SYSTEM

# PORTA BARRE LINEAR PER PROFILI SMART ENERGY PLUS

Portabarre lineari realizzati per supportare profili Smart Energy-Plus, o in rame tradizionale fino a 4000A con portabarre singolo e fino a 6300A con portabarre in parallelo. Realizzati in poliammide, gli isolatori linear sono formati da 2 pezzi uguali completi di tiranti e di viti di fissaggio in modo da rendere il montaggio un'operazione estremamente veloce. Il sistema può essere posizionato in qualsiasi zona della carpenteria: sotto tetto, nella parte posteriore del quadro o anche lateralmente.

### VANTAGGI

- Velocità di assemblaggio
- Funzionale
- Robusto

### CARATTERISTICHE TECNICHE

- Poliammide 6/6 rinforzato con fibra di vetro
- Autoestinguenza: UL 94-V0
- Temperatura di esercizio continuo: 113° C
- Glow wire test: 965° C
- Colore nero

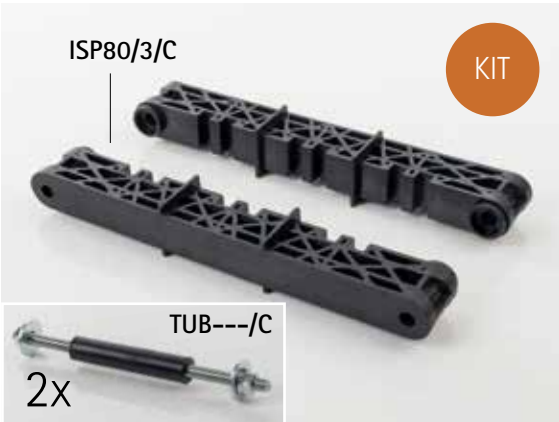
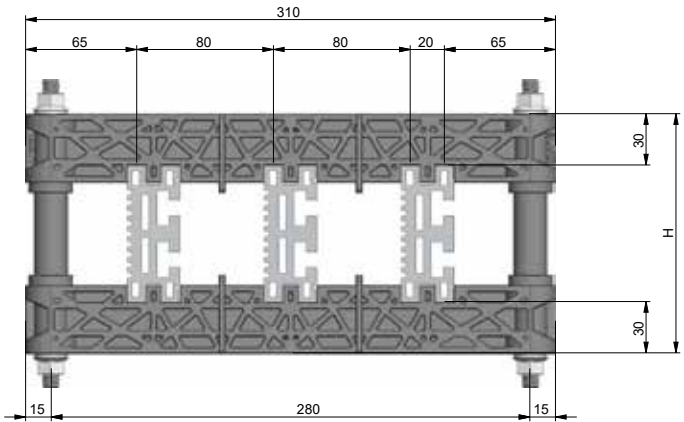


### CERTIFICAZIONI

|                 |                                                                                                                                                                                               |                          |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>B5002265</b> | Verifica della tenuta al corto circuito dei circuiti principali<br>Verifica dell'efficienza del circuito di protezione<br>Verifica della tenuta del corto circuito del circuito di protezione | Inom=6300A<br>Icc=105 kA |
| <b>B7001848</b> | Verifica della tenuta al corto circuito dei circuiti principali                                                                                                                               | Inom=3200A<br>Icc=105 kA |

## PORTABARRE LINEAR TRIPOLARE SMART ENERGY-PLUS (INTERASSE FASI 80 MM)

Isolatore tripolare per sostegno profili Smart Energy-Plus da 630A a 1600A



| CODICE           | CONTENUTO                       | PESO (KG) | BARRA<br>SMART ENERGY | DIM. BARRA<br>(HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|------------------|---------------------------------|-----------|-----------------------|----------------------|--------|----------|----------|
| <b>IS31008/C</b> | cod. ISP80/3/C<br>cod. TUB302/C | 1,09      | BA10P                 | 50x30                | 110    | 1329     | 1744     |
| <b>IS31208/C</b> | cod. ISP80/3/C<br>cod. TUB402/C | 1,1       | BA12P                 | 60x30                | 120    | 1492     | 1889     |
| <b>IS31608/C</b> | cod. ISP80/3/C<br>cod. TUB602/C | 1,15      | BA16P                 | 80x30                | 140    | 1774     | 2215     |

| TABELLA INTERASSE PORTABARRE |               |           |           |
|------------------------------|---------------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     |
| Interasse Max                | Icc           | Icc       | Icc       |
| 1000mm                       | 20 kA         | 25 kA     | 25 kA     |
| 950mm                        | 20 kA         | 30 kA     | 25 kA     |
| 900mm                        | 20 kA         | 30 kA     | 30 kA     |
| 850mm                        | 20 kA         | 30 kA     | 40 kA     |
| 800mm                        | 20 kA         | 35 kA     | 45 kA     |
| 750mm                        | 25 kA         | 35 kA     | 45 kA     |
| 700mm                        | 25 kA         | 40 kA     | 45 kA     |
| 650mm                        | 25 kA         | 40 kA     | 45 kA     |
| 600mm                        | 30 kA         | 45 kA     | 50 kA     |
| 550mm                        | 30 kA         | 50 kA     | 50 kA     |
| 500mm                        | 35 kA         | 55 kA     | 60 kA     |
| 450mm                        | 40 kA         | 60 kA     | 60 kA     |
| 400mm                        | 45 kA         | 65 kA     | 65 kA     |
| 350mm                        | 50 kA         | 70 kA     | 70 kA     |
| 300mm                        | 60 kA         | 75 kA     | 75 kA     |
| 250mm                        | 75 kA         | 85 kA     | 85 kA     |
| 200mm                        | 85 kA         |           |           |
| Codice                       | IS31008/C     | IS31208/C | IS31608/C |

## SUPPORTO BASE TRIPOLARE (INTERASSE FASI 80 MM)

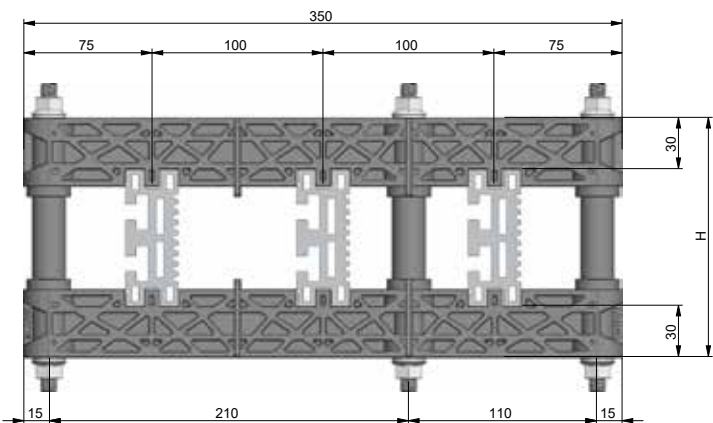
Supporto inferiore da 630A a 1600A

| CODICE   | CONTENUTO | PESO (KG) | IN (A)          |
|----------|-----------|-----------|-----------------|
| ISB308/C | 1         | 1,1       | da 630A a 1600A |



PORTABARRE LINEAR TRIPOLARE SMART ENERGY-PLUS  
(INTERASSE FASI 100 MM)

Isolatore tripolare per sostegno profili Smart Energy-Plus da 630A a 3200A



| CODICE    | CONTENUTO                        | PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|-----------|----------------------------------|-----------|--------------------|-------------------|--------|----------|----------|
| IS31010/C | cod. ISP100/3/C<br>cod. TUB303/C | 1         | BA10P              | 50x30             | 110    | 1329     | 1774     |
| IS31210/C | cod. ISP100/3/C<br>cod. TUB403/C | 1         | BA12P              | 60x30             | 120    | 1492     | 1889     |
| IS31610/C | cod. ISP100/3/C<br>cod. TUB603/C | 1         | BA16P              | 80x30             | 140    | 1774     | 2215     |
| IS32010/C | cod. ISP100/3/C<br>cod. TUB803/C | 1,5       | BA20P              | 100x30            | 160    | 2108     | 2739     |
| IS32510/C | cod. ISP100/3/C<br>cod. TUB103/C | 1,5       | BA25P              | 120x30            | 180    | 2581     | 3253     |
| IS33210/C | cod. ISP100/3/C<br>cod. TUB133/C | 1,6       | BA32P              | 150x30            | 210    | 3253     | 4016     |

| TABELLA INTERASSE PORTABARRE |               |           |           |           |           |           |
|------------------------------|---------------|-----------|-----------|-----------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     | 2000A     | 2500A     | 3200A     |
| Interasse Max                | lcc           | lcc       | lcc       | lcc       | lcc       | lcc       |
| 1000mm                       | 20 kA         | 30 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     |
| 950mm                        | 20 kA         | 30 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     |
| 900mm                        | 20 kA         | 35 kA     | 40 kA     | 40 kA     | 40 kA     | 40 kA     |
| 850mm                        | 20 kA         | 35 kA     | 45 kA     | 50 kA     | 50 kA     | 50 kA     |
| 800mm                        | 25 kA         | 40 kA     | 50 kA     | 55 kA     | 60 kA     | 60 kA     |
| 750mm                        | 25 kA         | 40 kA     | 55 kA     | 55 kA     | 60 kA     | 60 kA     |
| 700mm                        | 30 kA         | 45 kA     | 55 kA     | 60 kA     | 60 kA     | 60 kA     |
| 650mm                        | 30 kA         | 45 kA     | 55 kA     | 65 kA     | 65 kA     | 65 kA     |
| 600mm                        | 35 kA         | 50 kA     | 65 kA     | 75 kA     | 75 kA     | 75 kA     |
| 550mm                        | 35 kA         | 55 kA     | 70 kA     | 75 kA     | 75 kA     | 75 kA     |
| 500mm                        | 40 kA         | 60 kA     | 75 kA     | 80 kA     | 80 kA     | 80 kA     |
| 450mm                        | 45 kA         | 65 kA     | 80 kA     | 85 kA     | 85 kA     | 85 kA     |
| 400mm                        | 55 kA         | 75 kA     | 90 kA     | 90 kA     | 90 kA     | 90 kA     |
| 350mm                        | 60 kA         | 80 kA     | 95 kA     | 95 kA     | 95 kA     | 105 kA    |
| 300mm                        | 70 kA         | 90 kA     | 105 kA    | 105 kA    | 105 kA    |           |
| 250mm                        | 80 kA         | 100 kA    |           |           |           |           |
| 200mm                        | 100 kA        |           |           |           |           |           |
| Codice                       | IS31010/C     | IS31210/C | IS31610/C | IS32010/C | IS32510/C | IS33210/C |

SUPPORTO BASE TRIPOLARE  
(INTERASSE FASI 100 MM)

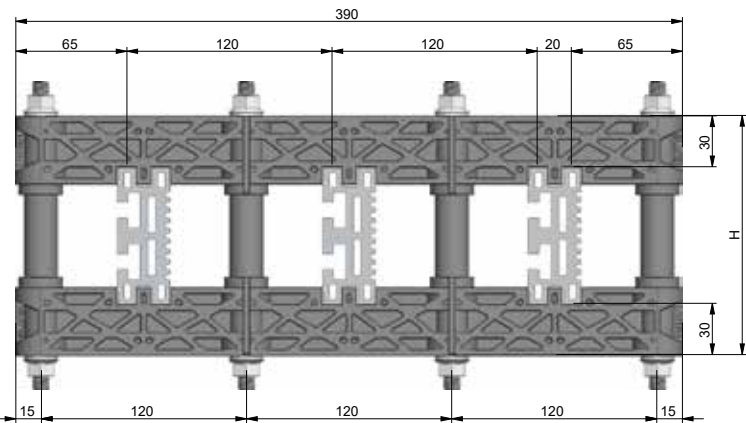
Supporto inferiore da 630A a 3200A

| CODICE   | CONTENUTO | PESO (KG) | IN (A)          |
|----------|-----------|-----------|-----------------|
| ISB310/C | 1         | 1,3       | da 630A a 3200A |



PORTABARRE LINEAR TRIPOLARE SMART ENERGY-PLUS  
(INTERASSE FASI 120 MM)

Isolatore tripolare per sostegno profili Smart Energy-Plus da 630A a 4000A



| CODICE    | CONTENUTO                        | PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|-----------|----------------------------------|-----------|--------------------|-------------------|--------|----------|----------|
| IS31012/C | cod. ISP120/3/C<br>cod. TUB304/C | 1,56      | BA10P              | 50x30             | 110    | 1329     | 1774     |
| IS31212/C | cod. ISP120/3/C<br>cod. TUB404/C | 1,6       | BA12P              | 60x30             | 120    | 1492     | 1889     |
| IS31612/C | cod. ISP120/3/C<br>cod. TUB604/C | 1,67      | BA16P              | 80x30             | 140    | 1774     | 2215     |
| IS32012/C | cod. ISP120/3/C<br>cod. TUB804/C | 1,77      | BA20P              | 100x30            | 160    | 2108     | 2739     |
| IS32512/C | cod. ISP120/3/C<br>cod. TUB104/C | 1,86      | BA25P              | 120x30            | 180    | 2581     | 3253     |
| IS33212/C | cod. ISP120/3/C<br>cod. TUB134/C | 2,00      | BA32P              | 150x30            | 210    | 3253     | 4016     |
| IS34012/C | cod. ISP120/3/C<br>cod. TUB164/C | 2,14      | BA40P              | 180x30            | 240    | 3757     | 4657     |

| TABELLA INTERASSE PORTABARRE |               |           |           |           |           |           |           |
|------------------------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     | 2000A     | 2500A     | 3200A     | 4000A     |
| Interasse Max                | lcc           | lcc       | lcc       | lcc       | lcc       | lcc       | lcc       |
| 1000mm                       | 25 kA         | 30 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     |
| 950mm                        | 25 kA         | 35 kA     | 45 kA     | 40 kA     | 40 kA     | 40 kA     | 40 kA     |
| 900mm                        | 25 kA         | 35 kA     | 45 kA     | 40 kA     | 40 kA     | 40 kA     | 45 kA     |
| 850mm                        | 25 kA         | 40 kA     | 45 kA     | 45 kA     | 55 kA     | 45 kA     | 50 kA     |
| 800mm                        | 30 kA         | 40 kA     | 50 kA     | 60 kA     | 60 kA     | 60 kA     | 60 kA     |
| 750mm                        | 30 kA         | 45 kA     | 55 kA     | 65 kA     | 65 kA     | 65 kA     | 65 kA     |
| 700mm                        | 35 kA         | 50 kA     | 60 kA     | 65 kA     | 70 kA     | 70 kA     | 70 kA     |
| 650mm                        | 35 kA         | 50 kA     | 65 kA     | 70 kA     | 70 kA     | 70 kA     | 70 kA     |
| 600mm                        | 40 kA         | 55 kA     | 70 kA     | 75 kA     | 75 kA     | 75 kA     | 75 kA     |
| 550mm                        | 45 kA         | 60 kA     | 75 kA     | 80 kA     | 80 kA     | 80 kA     | 80 kA     |
| 500mm                        | 50 kA         | 65 kA     | 85 kA     | 85 kA     | 85 kA     | 85 kA     | 85 kA     |
| 450mm                        | 50 kA         | 70 kA     | 90 kA     | 90 kA     | 90 kA     | 90 kA     | 90 kA     |
| 400mm                        | 60 kA         | 80 kA     | 95 kA     | 95 kA     | 95 kA     | 95 kA     | 95 kA     |
| 350mm                        | 65 kA         | 95 kA     | 105 kA    | 105 kA    | 105 kA    | 105 kA    | 105 kA    |
| 300mm                        | 80 kA         | 105 kA    |           |           |           |           |           |
| 250mm                        | 95 kA         |           |           |           |           |           |           |
| 200mm                        | 105 kA        |           |           |           |           |           |           |
| Codice                       | IS31012/C     | IS31212/C | IS31612/C | IS32012/C | IS32512/C | IS33212/C | IS34012/C |

Icc pK=Valore di picco della corrente di corto circuito espresso in kA, durata pari ad 1 secondo

SUPPORTO BASE TRIPOLARE  
(INTERASSE FASI 120 MM)

Supporto inferiore da 630A a 4000A

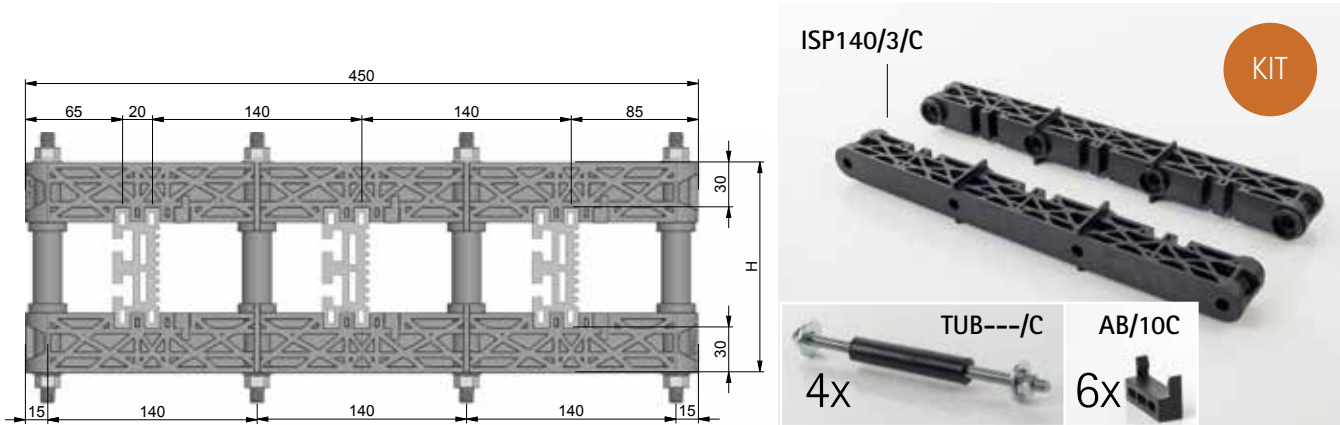
| CODICE   | CONTENUTO | PESO (KG) | IN (A)          |
|----------|-----------|-----------|-----------------|
| ISB312/C | 1         | 1,5       | da 630A a 4000A |



PORTABARRE LINEAR TRIPOLARE SMART ENERGY-PLUS  
(INTERASSE FASI 140 MM)

Isolatore quadripolare per sostegno profili Smart Energy-Plus da 630A a 4000A

SMART ENERGY PLUS



| CODICE    | CONTENUTO                                     | PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|-----------|-----------------------------------------------|-----------|--------------------|-------------------|--------|----------|----------|
| IS31014/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB305/C   | 1,9       | BA10P              | 50x30             | 110    | 1329     | 1774     |
| IS31214/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB405/C   | 1,9       | BA12P              | 60x30             | 120    | 1492     | 1889     |
| IS31614/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB605/C   | 1,9       | BA16P              | 80x30             | 140    | 1774     | 2215     |
| IS32014/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB805/C   | 2,1       | BA20P              | 100x30            | 160    | 2108     | 2739     |
| IS32514/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB105/C   | 2,4       | BA25P              | 120x30            | 180    | 2581     | 3253     |
| IS33214/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB135/C   | 2,6       | BA32P              | 150x30            | 210    | 3253     | 4016     |
| IS34014/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB165/C   | 2,7       | BA40P              | 180x30            | 240    | 3757     | 4657     |
| IS35014/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB114/C   | /         | BA50P              | 180x50            | 360    | 4331     | 5384     |
| IS63314/C | cod. ISP140/3/C, cod. AB/10C, cod. TUB13134/C | /         | BA63P              | 240x50            | 420    | 5513     | 6116     |

| TABELLA INTERASSE PORTABARRE |               |           |           |           |           |           |           |           |           |
|------------------------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     | 2000A     | 2500A     | 3200A     | 4000A     | 5000A     | 6300A     |
| Interasse Max                | Icc           | Icc       | Icc       | Icc       | Icc       | Icc       | Icc       | Icc       | Icc       |
| 1000mm                       | 25 kA         | 35 kA     | 45 kA     | 45 kA     | 45 kA     | 45 kA     | 45 kA     | 35 kA     | 35 kA     |
| 950mm                        | 25 kA         | 35 kA     | 45 kA     | 45 kA     | 45 kA     | 45 kA     | 45 kA     | 40 kA     | 40 kA     |
| 900mm                        | 30 kA         | 40 kA     | 50 kA     | 45 kA     | 50 kA     | 50 kA     | 50 kA     | 45 kA     | 45 kA     |
| 850mm                        | 30 kA         | 40 kA     | 50 kA     | 50 kA     | 60 kA     | 60 kA     | 60 kA     | 50 kA     | 50 kA     |
| 800mm                        | 30 kA         | 45 kA     | 55 kA     | 60 kA     | 75 kA     | 75 kA     | 75 kA     | 60 kA     | 60 kA     |
| 750mm                        | 35 kA         | 50 kA     | 55 kA     | 65 kA     | 75 kA     | 75 kA     | 75 kA     | 65 kA     | 65 kA     |
| 700mm                        | 35 kA         | 50 kA     | 60 kA     | 70 kA     | 80 kA     | 80 kA     | 80 kA     | 70 kA     | 70 kA     |
| 650mm                        | 40 kA         | 55 kA     | 65 kA     | 75 kA     | 85 kA     | 85 kA     | 85 kA     | 70 kA     | 70 kA     |
| 600mm                        | 45 kA         | 55 kA     | 70 kA     | 85 kA     | 90 kA     | 90 kA     | 95 kA     | 75 kA     | 75 kA     |
| 550mm                        | 45 kA         | 65 kA     | 80 kA     | 90 kA     | 95 kA     | 95 kA     | 95 kA     | 80 kA     | 80 kA     |
| 500mm                        | 50 kA         | 70 kA     | 85 kA     | 100 kA    | 100 kA    | 100 kA    | 100 kA    | 85 kA     | 85 kA     |
| 450mm                        | 55 kA         | 75 kA     | 95 kA     | 105 kA    | 105 kA    | 105 kA    | 105 kA    | 90 kA     | 90 kA     |
| 400mm                        | 65 kA         | 85 kA     | 105 kA    |           |           |           |           | 105 kA    | 105 kA    |
| 350mm                        | 70 kA         | 100 kA    |           |           |           |           |           |           |           |
| 300mm                        | 85 kA         | 105 kA    |           |           |           |           |           |           |           |
| 250mm                        | 10 kA         |           |           |           |           |           |           |           |           |
| 200mm                        | 105 kA        |           |           |           |           |           |           |           |           |
| Codice                       | IS31014/C     | IS31214/C | IS31614/C | IS32014/C | IS32514/C | IS33214/C | IS34014/C | IS35014/C | IS36314/C |

SUPPORTO BASE TRIPOLARE  
(INTERASSE FASI 140 MM)

Supporto inferiore da 630A a 4000A.

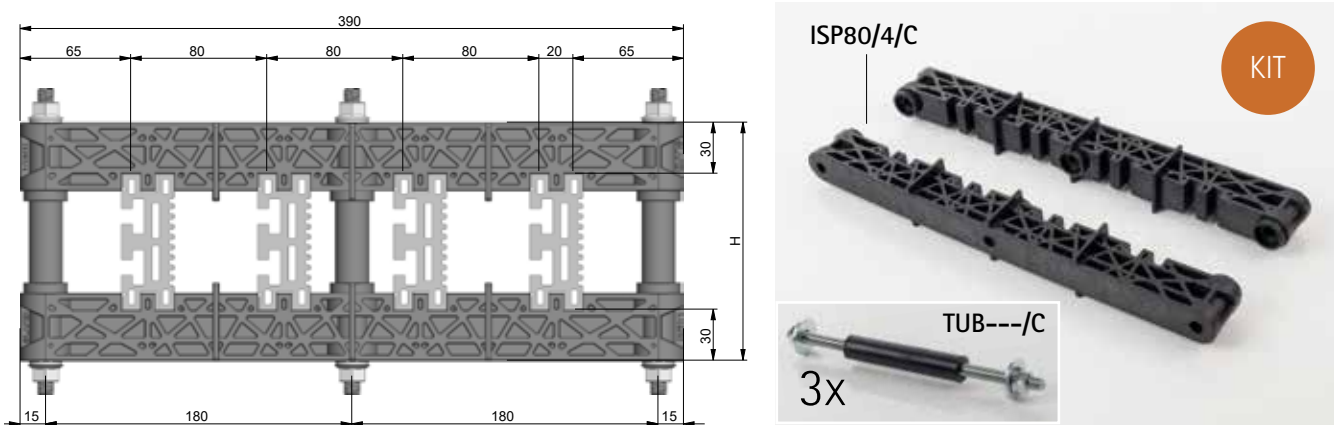
| CODICE   | CONTENUTO | PESO (KG) | IN (A)          |
|----------|-----------|-----------|-----------------|
| ISB314/C | 1         | 1,8       | da 630A a 4000A |



PORTABARRE LINEAR QUADRIPOLORE SMART ENERGY-PLUS  
(INTERASSE FASI 80 MM)

Isolatore quadripolare per sostegno profili Smart Energy-Plus da 630A a 1600A

SMART ENERGY PLUS



| CODICE    | CONTENUTO                    | PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|-----------|------------------------------|-----------|--------------------|-------------------|--------|----------|----------|
| IS41008/C | cod. ISP80/4/C cod. TUB303/C | 1,45      | BA10P              | 50x30             | 110    | 1329     | 1774     |
| IS41208/C | cod. ISP80/4/C cod. TUB403/C | 1,47      | BA12P              | 60x30             | 120    | 1492     | 1889     |
| IS41608/C | cod. ISP80/4/C cod. TUB603/C | 1,53      | BA16P              | 80x30             | 140    | 1774     | 2215     |

| TABELLA INTERASSE PORTABARRE |               |           |           |
|------------------------------|---------------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     |
| Interasse Max                | Icc           | Icc       | Icc       |
| 1000mm                       | 20 kA         | 25 kA     | 25 kA     |
| 950mm                        | 20 kA         | 30 kA     | 25 kA     |
| 900mm                        | 20 kA         | 30 kA     | 30 kA     |
| 850mm                        | 20 kA         | 30 kA     | 40 kA     |
| 800mm                        | 20 kA         | 35 kA     | 45 kA     |
| 750mm                        | 25 kA         | 35 kA     | 45 kA     |
| 700mm                        | 25 kA         | 40 kA     | 45 kA     |
| 650mm                        | 25 kA         | 40 kA     | 45 kA     |
| 600mm                        | 30 kA         | 45 kA     | 50 kA     |
| 550mm                        | 30 kA         | 50 kA     | 50 kA     |
| 500mm                        | 35 kA         | 55 kA     | 60 kA     |
| 450mm                        | 40 kA         | 60 kA     | 60 kA     |
| 400mm                        | 45 kA         | 65 kA     | 65 kA     |
| 350mm                        | 50 kA         | 70 kA     | 70 kA     |
| 300mm                        | 60 kA         | 75 kA     | 75 kA     |
| 250mm                        | 75 kA         | 85 kA     | 85 kA     |
| 200mm                        | 85 kA         |           |           |
| Codice                       | IS41008/C     | IS41208/C | IS41608/C |

SUPPORTO BASE QUADRIPOLORE  
(INTERASSE FASI 80 MM)

Supporto inferiore da 630A a 1600A

| CODICE   | CONTENUTO | PESO (KG) | IN (A)          |
|----------|-----------|-----------|-----------------|
| ISB408/C | 1         | 1,34      | da 630A a 4000A |



PORTABARRE LINEAR QUADRIPOLORE SMART ENERGY-PLUS  
(INTERASSE FASI 100 MM)

Isolatore quadripolare per sostegno profili Smart Energy-Plus da 630A a 3200A



| CODICE    | CONTENUTO                        | PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|-----------|----------------------------------|-----------|--------------------|-------------------|--------|----------|----------|
| IS41010/C | cod. ISP100/4/C<br>cod. TUB303/C | 1,5       | BA10P              | 50x30             | 110    | 1329     | 1774     |
| IS41210/C | cod. ISP100/4/C<br>cod. TUB403/C | 1,5       | BA12P              | 60x30             | 120    | 1492     | 1889     |
| IS41610/C | cod. ISP100/4/C<br>cod. TUB603/C | 1,6       | BA16P              | 80x30             | 140    | 1774     | 2215     |
| IS42010/C | cod. ISP100/4/C<br>cod. TUB803/C | 1,6       | BA20P              | 100x30            | 160    | 2108     | 2739     |
| IS42510/C | cod. ISP100/4/C<br>cod. TUB103/C | 2         | BA25P              | 120x30            | 180    | 2581     | 3253     |
| IS43210/C | cod. ISP100/4/C<br>cod. TUB134/C | 2         | BA32P              | 150x30            | 210    | 3253     | 4016     |

| TABELLA INTERASSE PORTABARRE |               |           |           |           |           |           |
|------------------------------|---------------|-----------|-----------|-----------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     | 2000A     | 2500A     | 3200A     |
| Interasse Max                | lcc           | lcc       | lcc       | lcc       | lcc       | lcc       |
| 1000mm                       | 20 kA         | 30 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     |
| 950mm                        | 20 kA         | 30 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     |
| 900mm                        | 20 kA         | 35 kA     | 40 kA     | 40 kA     | 40 kA     | 40 kA     |
| 850mm                        | 20 kA         | 35 kA     | 45 kA     | 50 kA     | 50 kA     | 50 kA     |
| 800mm                        | 25 kA         | 40 kA     | 50 kA     | 55 kA     | 60 kA     | 60 kA     |
| 750mm                        | 25 kA         | 40 kA     | 55 kA     | 55 kA     | 60 kA     | 60 kA     |
| 700mm                        | 30 kA         | 45 kA     | 55 kA     | 60 kA     | 60 kA     | 60 kA     |
| 650mm                        | 30 kA         | 45 kA     | 55 kA     | 65 kA     | 65 kA     | 65 kA     |
| 600mm                        | 35 kA         | 50 kA     | 65 kA     | 75 kA     | 75 kA     | 75 kA     |
| 550mm                        | 35 kA         | 55 kA     | 70 kA     | 75 kA     | 75 kA     | 75 kA     |
| 500mm                        | 40 kA         | 60 kA     | 75 kA     | 80 kA     | 80 kA     | 80 kA     |
| 450mm                        | 45 kA         | 65 kA     | 80 kA     | 85 kA     | 85 kA     | 85 kA     |
| 400mm                        | 55 kA         | 75 kA     | 90 kA     | 90 kA     | 90 kA     | 90 kA     |
| 350mm                        | 60 kA         | 80 kA     | 95 kA     | 95 kA     | 95 kA     | 105 kA    |
| 300mm                        | 70 kA         | 90 kA     | 105 kA    | 105 kA    | 105 kA    |           |
| 250mm                        | 80 kA         | 100 kA    |           |           |           |           |
| 200mm                        | 100 kA        |           |           |           |           |           |
| Codice                       | IS41010/C     | IS41210/C | IS41610/C | IS42010/C | IS42510/C | IS43210/C |

SUPPORTO BASE QUADRIPOLORE  
(INTERASSE FASI 100 MM)

Supporto inferiore da 630A a 3200A

| CODICE   | CONTENUTO | PESO (KG) | IN (A)          |
|----------|-----------|-----------|-----------------|
| ISB410/C | 1         | 2         | da 630A a 3200A |



PORTABARRE LINEAR QUADRIPOLORE SMART ENERGY-PLUS  
(INTERASSE FASI 120 MM)

Isolatore quadripolare per sostegno profili Smart Energy-Plus da 630A a 4000A



| CODICE    | CONTENUTO                        | PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|-----------|----------------------------------|-----------|--------------------|-------------------|--------|----------|----------|
| IS41012/C | cod. ISP120/4/C<br>cod. TUB305/C | 2         | BA10P              | 50x30             | 110    | 1329     | 1774     |
| IS41212/C | cod. ISP120/4/C<br>cod. TUB405/C | 2,04      | BA12P              | 60x30             | 120    | 1492     | 1889     |
| IS41612/C | cod. ISP120/4/C<br>cod. TUB605/C | 2,14      | BA16P              | 80x30             | 140    | 1774     | 2215     |
| IS42012/C | cod. ISP120/4/C<br>cod. TUB805/C | 2,26      | BA20P              | 100x30            | 160    | 2108     | 2739     |
| IS42512/C | cod. ISP120/4/C<br>cod. TUB105/C | 2,4       | BA25P              | 120x30            | 180    | 2581     | 3253     |
| IS43212/C | cod. ISP120/4/C<br>cod. TUB135/C | 2,6       | BA32P              | 150x30            | 210    | 3253     | 4016     |
| IS44012/C | cod. ISP120/4/C<br>cod. TUB165/C | 2,7       | BA40P              | 180x30            | 240    | 3757     | 4657     |

| TABELLA INTERASSE PORTABARRE |               |           |           |           |           |           |           |
|------------------------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     | 2000A     | 2500A     | 3200A     | 4000A     |
| Interasse Max                | lcc           | lcc       | lcc       | lcc       | lcc       | lcc       | lcc       |
| 1000mm                       | 25 kA         | 30 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     |
| 950mm                        | 25 kA         | 35 kA     | 45 kA     | 40 kA     | 40 kA     | 40 kA     | 40 kA     |
| 900mm                        | 25 kA         | 35 kA     | 45 kA     | 40 kA     | 50 kA     | 40 kA     | 45 kA     |
| 850mm                        | 25 kA         | 40 kA     | 45 kA     | 45 kA     | 55 kA     | 45 kA     | 50 kA     |
| 800mm                        | 30 kA         | 40 kA     | 50 kA     | 60 kA     | 60 kA     | 60 kA     | 60 kA     |
| 750mm                        | 30 kA         | 45 kA     | 55 kA     | 65 kA     | 65 kA     | 65 kA     | 65 kA     |
| 700mm                        | 35 kA         | 50 kA     | 60 kA     | 65 kA     | 70 kA     | 70 kA     | 70 kA     |
| 650mm                        | 35 kA         | 50 kA     | 65 kA     | 70 kA     | 70 kA     | 70 kA     | 70 kA     |
| 600mm                        | 40 kA         | 55 kA     | 70 kA     | 75 kA     | 75 kA     | 75 kA     | 75 kA     |
| 550mm                        | 45 kA         | 60 kA     | 75 kA     | 80 kA     | 80 kA     | 80 kA     | 80 kA     |
| 500mm                        | 50 kA         | 65 kA     | 85 kA     | 85 kA     | 85 kA     | 85 kA     | 85 kA     |
| 450mm                        | 50 kA         | 70 kA     | 90 kA     | 90 kA     | 90 kA     | 90 kA     | 90 kA     |
| 400mm                        | 60 kA         | 80 kA     | 95 kA     | 95 kA     | 95 kA     | 95 kA     | 95 kA     |
| 350mm                        | 65 kA         | 95 kA     | 105 kA    | 105 kA    | 105 kA    | 105 kA    | 105 kA    |
| 300mm                        | 80 kA         | 105 kA    |           |           |           |           |           |
| 250mm                        | 95 kA         |           |           |           |           |           |           |
| 200mm                        | 105 kA        |           |           |           |           |           |           |
| Codice                       | IS41012/C     | IS41212/C | IS41612/C | IS42012/C | IS42512/C | IS43212/C | IS44012/C |

SUPPORTO BASE QUADRIPOLORE  
(INTERASSE FASI 120 MM)

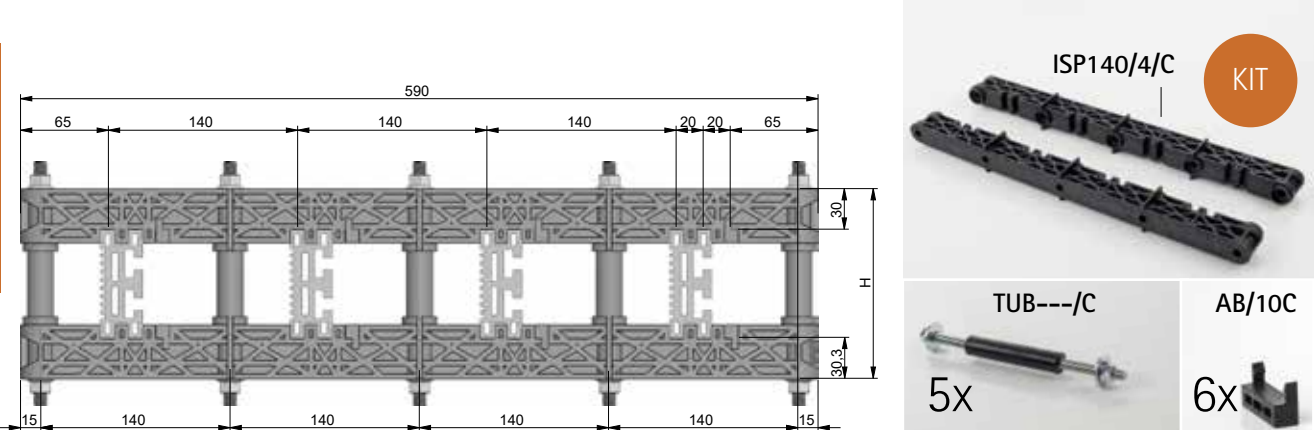
Supporto inferiore da 630A a 4000A

| CODICE   | CONTENUTO | PESO (KG) | IN (A)          |
|----------|-----------|-----------|-----------------|
| ISB412/C | 1         | 1,6       | da 630A a 4000A |



PORTABARRE LINEAR QUADRIPOLE SMART ENERGY-PLUS  
(INTERASSE FASI 140 MM)

Isolatore quadripolare per sostegno profili Smart Energy-Plus da 630A a 4000A



|  CODICE |  CONTENUTO |  PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|-------------------|--------|----------|----------|
| IS41014/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB305/C                                                 | 2,1                                                                                         | BA10P              | 50x30             | 110    | 1329     | 1774     |
| IS41214/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB405/C                                                 | 2,14                                                                                        | BA12P              | 60x30             | 120    | 1492     | 1889     |
| IS41614/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB605/C                                                 | 2,24                                                                                        | BA16P              | 80x30             | 140    | 1774     | 2215     |
| IS42014/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB805/C                                                 | 2,36                                                                                        | BA20P              | 100x30            | 160    | 2108     | 2739     |
| IS42514/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB105/C                                                 | 2,6                                                                                         | BA25P              | 120x30            | 180    | 2581     | 3253     |
| IS43214/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB135/C                                                 | 2,8                                                                                         | BA32P              | 150x30            | 210    | 3253     | 4016     |
| IS44014/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB165/C                                                 | 2,9                                                                                         | BA40P              | 180x30            | 240    | 3757     | 4657     |
| IS45014/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB165/C                                                 | /                                                                                           | BA50P              | 180x50            | 360    | 4331     | 5384     |
| IS46314/C                                                                                | cod. ISP140/4/C, cod. AB/10C, cod. TUB165/C                                                 | /                                                                                           | BA63P              | 240x50            | 420    | 5513     | 6116     |

| TABELLA INTERASSE PORTABARRE |               |           |           |           |           |           |           |           |           |
|------------------------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     | 2000A     | 2500A     | 3200A     | 4000A     | 5000A     | 6300A     |
| Interasse Max                | lcc           | lcc       | lcc       | lcc       | lcc       | lcc       | lcc       |           |           |
| 1000mm                       | 25 kA         | 35 kA     | 45 kA     | 45 kA     | 45 kA     | 45 kA     | 45 kA     | 35 kA     | 35 kA     |
| 950mm                        | 25 kA         | 35 kA     | 45 kA     | 45 kA     | 45 kA     | 45 kA     | 45 kA     | 40 kA     | 40 kA     |
| 900mm                        | 30 kA         | 40 kA     | 50 kA     | 45 kA     | 50 kA     | 50 kA     | 50 kA     | 45 kA     | 45 kA     |
| 850mm                        | 30 kA         | 40 kA     | 50 kA     | 50 kA     | 60 kA     | 60 kA     | 60 kA     | 50 kA     | 50 kA     |
| 800mm                        | 30 kA         | 45 kA     | 55 kA     | 60 kA     | 75 kA     | 75 kA     | 75 kA     | 60 kA     | 60 kA     |
| 750mm                        | 35 kA         | 50 kA     | 55 kA     | 65 kA     | 75 kA     | 75 kA     | 75 kA     | 65 kA     | 65 kA     |
| 700mm                        | 35 kA         | 50 kA     | 60 kA     | 70 kA     | 80 kA     | 80 kA     | 80 kA     | 70 kA     | 70 kA     |
| 650mm                        | 40 kA         | 55 kA     | 65 kA     | 75 kA     | 85 kA     | 85 kA     | 85 kA     | 70 kA     | 70 kA     |
| 600mm                        | 45 kA         | 55 kA     | 70 kA     | 85 kA     | 90 kA     | 90 kA     | 95 kA     | 75 kA     | 75 kA     |
| 550mm                        | 45 kA         | 65 kA     | 80 kA     | 90 kA     | 95 kA     | 95 kA     | 95 kA     | 80 kA     | 80 kA     |
| 500mm                        | 50 kA         | 70 kA     | 85 kA     | 100 kA    | 100 kA    | 100 kA    | 100 kA    | 85 kA     | 85 kA     |
| 450mm                        | 55 kA         | 75 kA     | 95 kA     | 105 kA    | 105 kA    | 105 kA    | 105 kA    | 90 kA     | 90 kA     |
| 400mm                        | 65 kA         | 85 kA     | 105 kA    |           |           |           |           | 105 kA    | 105 kA    |
| 350mm                        | 70 kA         | 100 kA    |           |           |           |           |           |           |           |
| 300mm                        | 85 kA         | 105 kA    |           |           |           |           |           |           |           |
| 250mm                        | 10 kA         |           |           |           |           |           |           |           |           |
| 200mm                        | 105 kA        |           |           |           |           |           |           |           |           |
| Codice                       | IS41014/C     | IS41214/C | IS41614/C | IS42014/C | IS42514/C | IS43214/C | IS44014/C | IS45014/C | IS46314/C |

SUPPORTO BASE QUADRIPOLE  
(INTERASSE FASI 140 MM)

Supporto inferiore da 630A a 4000A.

|  CODICE |  CONTENUTO |  PESO (KG) | IN (A)          |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------|
| ISB414/C                                                                                   | 1                                                                                             | 1,8                                                                                           | da 630A a 4000A |



# PORTA BARRE BACK PLUS

Portabarre Back-Plus in poliammide, realizzati per supportare profili Smart Energy-Plus fino a 4000A. Gli isolatori Back-Plus sono stati studiati per essere posizionati nella parte posteriore del quadro, in verticale o in orizzontale, in modo da ottimizzare lo spazio disponibile in profondità.

VANTAGGI

- Massima compattezza
- Velocità di assemblaggio

CARATTERISTICHE TECNICHE

- Poliammide 6/6 rinforzato con fibra di vetro
- Autoestinguenza: UL 94-V0
- Temperatura di esercizio continuo: 113° C
- Glow wire test: 965° C
- Colore nero



CERTIFICAZIONI

|          |                                                                 |                          |
|----------|-----------------------------------------------------------------|--------------------------|
| B7001848 | Verifica della tenuta al corto circuito dei circuiti principali | Inom=3200A<br>Icc=105 kA |
|----------|-----------------------------------------------------------------|--------------------------|

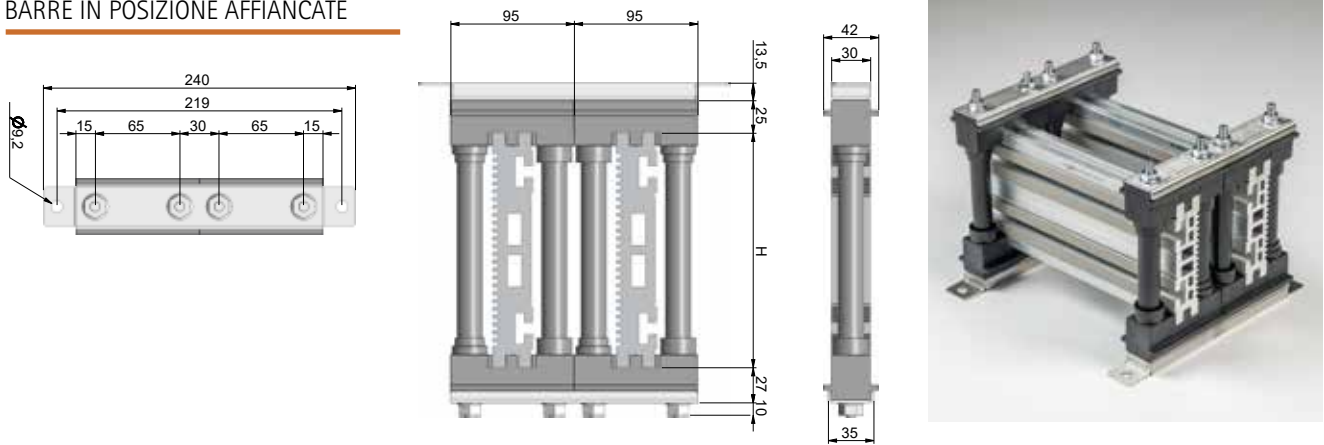
## BACK-PLUS MONOFASE AFFIANCATO

Portabarre Back-Plus monofase (affiancato) per sostegno profili Smart Energy-Plus fino a 4000A



|  CODICE |  CONTENUTO |  PESO (KG) | BARRA<br>SMART ENERGY | DIM. BARRA<br>(HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------|----------------------|--------|----------|----------|
| IBP210A/C                                                                                  | cod. ISM/LP2/C<br>cod. TUB304/M8C                                                             | 2,26                                                                                          | BA10P                 | 50x30                | 100    | 1329     | 1774     |
| IBP212A/C                                                                                  | cod. ISM/LP2/C<br>cod. TUB404/M8C                                                             | 2,27                                                                                          | BA12P                 | 60x30                | 110    | 1492     | 1889     |
| IBP216A/C                                                                                  | cod. ISM/LP2/C<br>cod. TUB604/M8C                                                             | 2,3                                                                                           | BA16P                 | 80x30                | 130    | 1774     | 2215     |
| IBP220A/C                                                                                  | cod. ISM/LP2/C<br>cod. TUB804/M8C                                                             | 2,31                                                                                          | BA20P                 | 100x30               | 150    | 2108     | 2739     |
| IBP225A/C                                                                                  | cod. ISM/LP2/C<br>cod. TUB104/M8C                                                             | 2,33                                                                                          | BA25P                 | 120x30               | 170    | 2581     | 3253     |
| IBP232A/C                                                                                  | cod. ISM/LP2/C<br>cod. TUB134/M8C                                                             | 2,35                                                                                          | BA32P                 | 150x30               | 200    | 3253     | 4016     |
| IBP240A/C                                                                                  | cod. ISM/LP2/C<br>cod. TUB164/M8C                                                             | 2,37                                                                                          | BA40P                 | 180x30               | 230    | 3757     | 4657     |

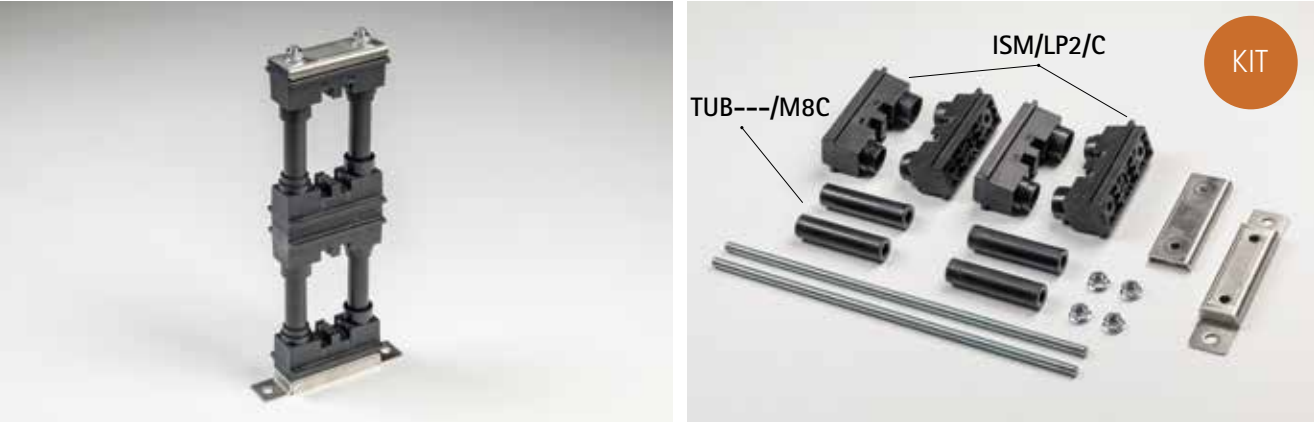
BARRE IN POSIZIONE AFFIANCATE



| TABELLA INTERASSE PORTABARRE |               |           |           |           |           |           |           |
|------------------------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| I.Nom                        | 630/800/1000A | 1250A     | 1600A     | 2000A     | 2500A     | 3200A     | 4000A     |
| Interasse Max                | Icc           | Icc       | Icc       | Icc       | Icc       | Icc       | Icc       |
| 1000mm                       | 20 kA         | 30 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     | 75 kA     |
| 950mm                        | 20 kA         | 30 kA     | 35 kA     | 35 kA     | 35 kA     | 35 kA     | 75 kA     |
| 900mm                        | 20 kA         | 35 kA     | 40 kA     | 40 kA     | 40 kA     | 40 kA     | 80 kA     |
| 850mm                        | 20 kA         | 35 kA     | 45 kA     | 50 kA     | 50 kA     | 50 kA     | 80 kA     |
| 800mm                        | 25 kA         | 40 kA     | 50 kA     | 55 kA     | 60 kA     | 60 kA     | 85 kA     |
| 750mm                        | 25 kA         | 40 kA     | 55 kA     | 55 kA     | 60 kA     | 60 kA     | 85 kA     |
| 700mm                        | 30 kA         | 45 kA     | 55 kA     | 60 kA     | 60 kA     | 60 kA     | 90 kA     |
| 650mm                        | 30 kA         | 45 kA     | 55 kA     | 65 kA     | 65 kA     | 65 kA     | 95 kA     |
| 600mm                        | 35 kA         | 50 kA     | 65 kA     | 75 kA     | 75 kA     | 75 kA     | 95 kA     |
| 550mm                        | 35 kA         | 55 kA     | 70 kA     | 75 kA     | 75 kA     | 75 kA     | 100 kA    |
| 500mm                        | 40 kA         | 60 kA     | 75 kA     | 80 kA     | 80 kA     | 80 kA     | 105 kA    |
| 450mm                        | 45 kA         | 65 kA     | 80 kA     | 85 kA     | 85 kA     | 85 kA     |           |
| 400mm                        | 55 kA         | 75 kA     | 90 kA     | 90 kA     | 90 kA     | 90 kA     |           |
| 350mm                        | 60 kA         | 80 kA     | 95 kA     | 95 kA     | 95 kA     | 105 kA    |           |
| 300mm                        | 70 kA         | 90 kA     | 105 kA    | 105 kA    | 105 kA    |           |           |
| 250mm                        | 80 kA         | 100 kA    |           |           |           |           |           |
| 200mm                        | 100 kA        |           |           |           |           |           |           |
| Codice                       | IBP210A/C     | IBP212A/C | IBP216A/C | IBP220A/C | IBP225A/C | IBP232A/C | IBP240A/C |

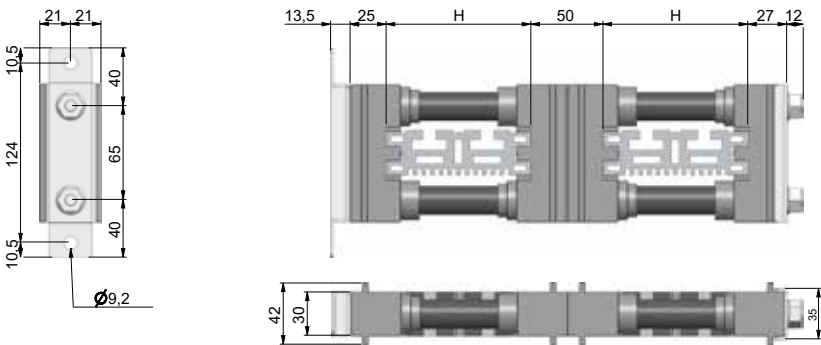
BACK-PLUS MONOFASE SOVRAPPOSTO

Portabarre Back-Plus monofase (sovrapposto) per sostegno profili Smart Energy-Plus fino a 4000A



| CODICE   | CONTENUTO                         | PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|----------|-----------------------------------|-----------|--------------------|-------------------|--------|----------|----------|
| IBP210/C | cod. ISM/LP2/C<br>cod. TUB230/M8C | 2,3       | BA10P              | 50x30             | 200    | 1329     | 1774     |
| IBP212/C | cod. ISM/LP2/C<br>cod. TUB240/M8C | 2,4       | BA12P              | 60x30             | 220    | 1492     | 1889     |
| IBP216/C | cod. ISM/LP2/C<br>cod. TUB260/M8C | 2,4       | BA16P              | 80x30             | 260    | 1774     | 2215     |
| IBP220/C | cod. ISM/LP2/C<br>cod. TUB280/M8C | 2,5       | BA20P              | 100x30            | 300    | 2108     | 2739     |
| IBP225/C | cod. ISM/LP2/C<br>cod. TUB210/M8C | 2,7       | BA25P              | 120x30            | 340    | 2581     | 3253     |
| IBP232/C | cod. ISM/LP2/C<br>cod. TUB213/M8C | 2,8       | BA32P              | 150x30            | 400    | 3253     | 4016     |
| IBP240/C | cod. ISM/LP2/C<br>cod. TUB216/M8C | 2,9       | BA40P              | 180x30            | 460    | 3757     | 4657     |

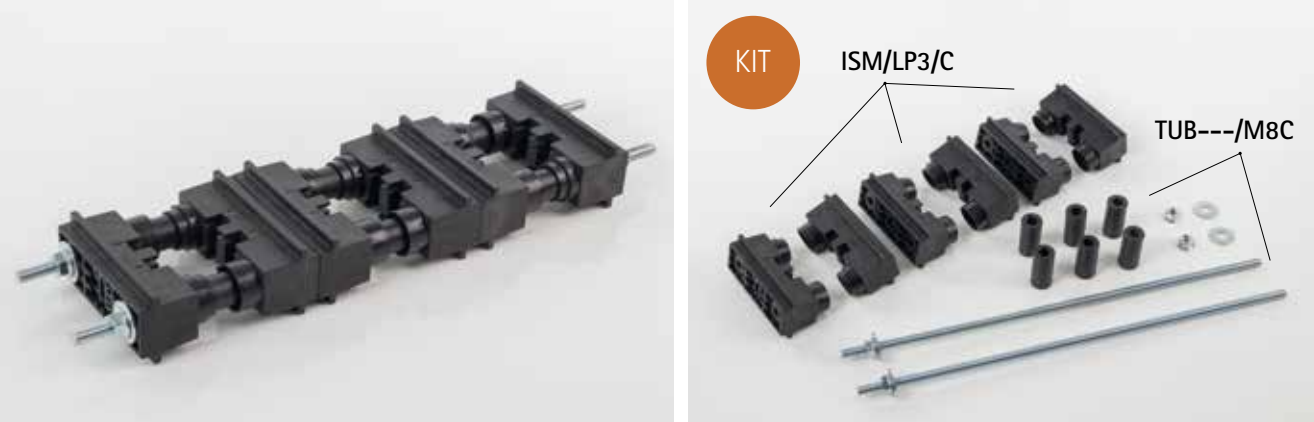
BARRE IN POSIZIONE SOVRAPPOSTO



| TABELLA INTERASSE PORTABARRE |               |          |          |          |          |          |          |
|------------------------------|---------------|----------|----------|----------|----------|----------|----------|
| I.Nom                        | 630/800/1000A | 1250A    | 1600A    | 2000A    | 2500A    | 3200A    | 4000A    |
| Interasse Max                | lcc           | lcc      | lcc      | lcc      | lcc      | lcc      | lcc      |
| 1000mm                       | 35 kA         | 50 kA    | 55 kA    | 60 kA    | 60 kA    | 65 kA    | 75 kA    |
| 950mm                        | 35 kA         | 50 kA    | 55 kA    | 60 kA    | 60 kA    | 65 kA    | 75 kA    |
| 900mm                        | 35 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 70 kA    | 80 kA    |
| 850mm                        | 40 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 75 kA    | 80 kA    |
| 800mm                        | 40 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 75 kA    | 85 kA    |
| 750mm                        | 45 kA         | 60 kA    | 65 kA    | 70 kA    | 70 kA    | 80 kA    | 85 kA    |
| 700mm                        | 50 kA         | 60 kA    | 65 kA    | 75 kA    | 70 kA    | 85 kA    | 90 kA    |
| 650mm                        | 50 kA         | 65 kA    | 70 kA    | 75 kA    | 75 kA    | 85 kA    | 95 kA    |
| 600mm                        | 55 kA         | 65 kA    | 70 kA    | 75 kA    | 75 kA    | 90 kA    | 95 kA    |
| 550mm                        | 60 kA         | 70 kA    | 75 kA    | 80 kA    | 80 kA    | 95 kA    | 100 kA   |
| 500mm                        | 65 kA         | 70 kA    | 80 kA    | 85 kA    | 85 kA    | 95 kA    | 105 kA   |
| 450mm                        | 75 kA         | 80 kA    | 85 kA    | 90 kA    | 90 kA    | 100 kA   |          |
| 400mm                        | 75 kA         | 80 kA    | 90 kA    | 95 kA    | 95 kA    | 105 kA   |          |
| 350mm                        | 85 kA         | 90 kA    | 95 kA    | 100 kA   | 100 kA   |          |          |
| 300mm                        | 90 kA         | 95 kA    | 105 kA   | 105 kA   | 105 kA   |          |          |
| 250mm                        | 95 kA         | 105 kA   |          |          |          |          |          |
| 200mm                        | 105 kA        |          |          |          |          |          |          |
| Codice                       | IBP210/C      | IBP212/C | IBP216/C | IBP220/C | IBP225/C | IBP232/C | IBP240/C |

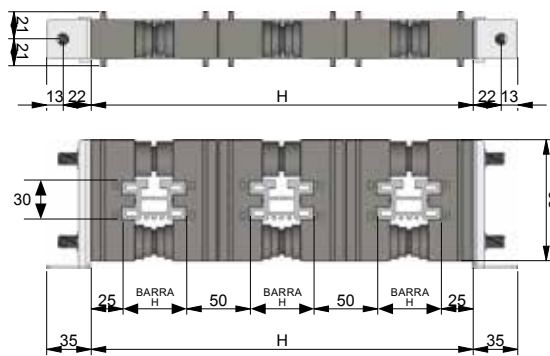
BACK-PLUS TRIPOLARE VERTICALE/ORIZZONTALE

Portabarre Back-Plus verticale/orizzontale tripolare per sostegno profili Smart Energy-Plus fino a 4000A

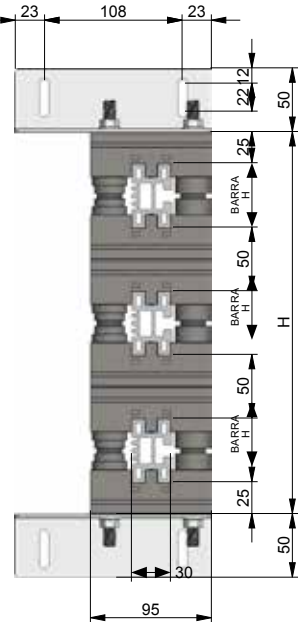


| CODICE   | CONTENUTO                          | PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|----------|------------------------------------|-----------|--------------------|-------------------|--------|----------|----------|
| IBP310/C | cod. ISM/LP3/C<br>cod. TUB330/M8C  | 3,4       | BA10P              | 50x30             | 300    | 1329     | 1774     |
| IBP312/C | cod. ISM/LP3/C<br>cod. TUB340/M8C  | 3,5       | BA12P              | 60x30             | 330    | 1492     | 1889     |
| IBP316/C | cod. ISM/LP3/C<br>cod. TUB360/M8C  | 3,6       | BA16P              | 80x30             | 390    | 1774     | 2215     |
| IBP320/C | cod. ISM/LP3/C<br>cod. TUB380/M8C  | 3,7       | BA20P              | 100x30            | 450    | 2108     | 2739     |
| IBP325/C | cod. ISM/LP3/C<br>cod. TUB3100/M8C | 3,8       | BA25P              | 120x30            | 510    | 2581     | 3253     |
| IBP332/C | cod. ISM/LP3/C<br>cod. TUB3130/M8C | 3,9       | BA32P              | 150x30            | 600    | 3253     | 4016     |
| IBP340/C | cod. ISM/LP3/C<br>cod. TUB3160/M8C | 4         | BA40P              | 180x30            | 690    | 3757     | 4657     |

BARRE IN POSIZIONE VERTICALE



BARRE IN POSIZIONE ORIZZONTALE



| TABELLA INTERASSE PORTABARRE |               |          |          |          |          |          |          |
|------------------------------|---------------|----------|----------|----------|----------|----------|----------|
| I.Nom                        | 630/800/1000A | 1250A    | 1600A    | 2000A    | 2500A    | 3200A    | 4000A    |
| Interasse Max                | lcc           | lcc      | lcc      | lcc      | lcc      | lcc      | lcc      |
| 1000mm                       | 35 kA         | 50 kA    | 55 kA    | 60 kA    | 60 kA    | 65 kA    | 75 kA    |
| 950mm                        | 35 kA         | 50 kA    | 55 kA    | 60 kA    | 60 kA    | 65 kA    | 75 kA    |
| 900mm                        | 35 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 70 kA    | 80 kA    |
| 850mm                        | 40 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 75 kA    | 80 kA    |
| 800mm                        | 40 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 75 kA    | 85 kA    |
| 750mm                        | 45 kA         | 60 kA    | 65 kA    | 70 kA    | 70 kA    | 80 kA    | 85 kA    |
| 700mm                        | 50 kA         | 60 kA    | 65 kA    | 75 kA    | 70 kA    | 85 kA    | 90 kA    |
| 650mm                        | 50 kA         | 65 kA    | 70 kA    | 75 kA    | 75 kA    | 85 kA    | 95 kA    |
| 600mm                        | 55 kA         | 65 kA    | 70 kA    | 75 kA    | 75 kA    | 90 kA    | 95 kA    |
| 550mm                        | 60 kA         | 70 kA    | 75 kA    | 80 kA    | 80 kA    | 95 kA    | 100 kA   |
| 500mm                        | 65 kA         | 70 kA    | 80 kA    | 85 kA    | 85 kA    | 95 kA    | 105 kA   |
| 450mm                        | 75 kA         | 80 kA    | 85 kA    | 90 kA    | 90 kA    | 100 kA   |          |
| 400mm                        | 75 kA         | 80 kA    | 90 kA    | 95 kA    | 95 kA    | 105 kA   |          |
| 350mm                        | 85 kA         | 90 kA    | 95 kA    | 100 kA   | 100 kA   |          |          |
| 300mm                        | 90 kA         | 95 kA    | 105 kA   | 105 kA   | 105 kA   |          |          |
| 250mm                        | 95 kA         | 105 kA   |          |          |          |          |          |
| 200mm                        | 105 kA        |          |          |          |          |          |          |
| Codice                       | IBP310/C      | IBP312/C | IBP316/C | IBP320/C | IBP325/C | IBP332/C | IBP340/C |

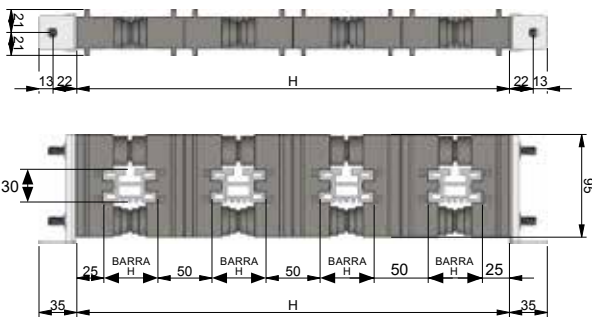
BACK-PLUS QUADRIPOLORE VERTICALE/ORIZZONTALE

Portabarre Back-Plus verticale/orizzontale quadripolare per sostegno profili Smart Energy-Plus fino a 4000A

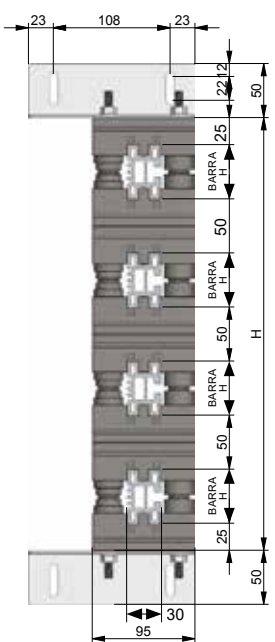


|  CODICE |  CONTENUTO |  PESO (KG) | BARRA SMART ENERGY | DIM. BARRA (HXSP) | H (MM) | ΔT 30° C | ΔT 50° C |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|-------------------|--------|----------|----------|
| IBP410/C                                                                                 | cod. ISM/LP4/C<br>cod. TUB430/M8C                                                           | 4,3                                                                                         | BA10P              | 50x30             | 400    | 1329     | 1774     |
| IBP412/C                                                                                 | cod. ISM/LP4/C<br>cod. TUB440/M8C                                                           | 4,6                                                                                         | BA12P              | 60x30             | 440    | 1492     | 1889     |
| IBP416/C                                                                                 | cod. ISM/LP4/C<br>cod. TUB460/M8C                                                           | 4,7                                                                                         | BA16P              | 80x30             | 520    | 1774     | 2215     |
| IBP420/C                                                                                 | cod. ISM/LP4/C<br>cod. TUB480/M8C                                                           | 4,75                                                                                        | BA20P              | 100x30            | 600    | 2108     | 2739     |
| IBP425/C                                                                                 | cod. ISM/LP4/C<br>cod. TUB4100/M8C                                                          | 4,78                                                                                        | BA25P              | 120x30            | 680    | 2581     | 3253     |
| IBP432/C                                                                                 | cod. ISM/LP4/C<br>cod. TUB4130/M8C                                                          | 4,90                                                                                        | BA32P              | 150x30            | 800    | 3253     | 4016     |
| IBP440/C                                                                                 | cod. ISM/LP4/C<br>cod. TUB4160/M8C                                                          | 5                                                                                           | BA40P              | 180x30            | 920    | 3757     | 4657     |

BARRE IN POSIZIONE VERTICALE



BARRE IN POSIZIONE ORIZZONTALE



| TABELLA INTERASSE PORTABARRE |               |          |          |          |          |          |          |
|------------------------------|---------------|----------|----------|----------|----------|----------|----------|
| I.Nom                        | 630/800/1000A | 1250A    | 1600A    | 2000A    | 2500A    | 3200A    | 4000A    |
| Interasse Max                | lcc           | lcc      | lcc      | lcc      | lcc      | lcc      | lcc      |
| 1000mm                       | 35 kA         | 50 kA    | 55 kA    | 60 kA    | 60 kA    | 65 kA    | 75 kA    |
| 950mm                        | 35 kA         | 50 kA    | 55 kA    | 60 kA    | 60 kA    | 65 kA    | 75 kA    |
| 900mm                        | 35 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 70 kA    | 80 kA    |
| 850mm                        | 40 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 75 kA    | 80 kA    |
| 800mm                        | 40 kA         | 55 kA    | 60 kA    | 65 kA    | 65 kA    | 75 kA    | 85 kA    |
| 750mm                        | 45 kA         | 60 kA    | 65 kA    | 70 kA    | 70 kA    | 80 kA    | 85 kA    |
| 700mm                        | 50 kA         | 60 kA    | 65 kA    | 75 kA    | 70 kA    | 85 kA    | 90 kA    |
| 650mm                        | 50 kA         | 65 kA    | 70 kA    | 75 kA    | 75 kA    | 85 kA    | 95 kA    |
| 600mm                        | 55 kA         | 65 kA    | 70 kA    | 75 kA    | 75 kA    | 90 kA    | 95 kA    |
| 550mm                        | 60 kA         | 70 kA    | 75 kA    | 75 kA    | 80 kA    | 95 kA    | 100 kA   |
| 500mm                        | 65 kA         | 70 kA    | 80 kA    | 85 kA    | 85 kA    | 95 kA    | 105 kA   |
| 450mm                        | 75 kA         | 80 kA    | 85 kA    | 90 kA    | 90 kA    | 100 kA   |          |
| 400mm                        | 75 kA         | 80 kA    | 90 kA    | 95 kA    | 95 kA    | 105 kA   |          |
| 350mm                        | 85 kA         | 90 kA    | 95 kA    | 100 kA   | 100 kA   |          |          |
| 300mm                        | 90 kA         | 95 kA    | 105 kA   | 105 kA   | 105 kA   |          |          |
| 250mm                        | 95 kA         | 105 kA   |          |          |          |          |          |
| 200mm                        | 105 kA        |          |          |          |          |          |          |
| Codice                       | IBP410/C      | IBP412/C | IBP416/C | IBP420/C | IBP425/C | IBP432/C | IBP440/C |

STAFFE PORTABARRE BACK-PLUS ORIZZONTALE

Staffe in acciaio inox per fissaggio portabarre Back-Plus (orizzontale)



|  CODICE |  CONTENUTO |  PESO (KG) |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| SHLB/C                                                                                     | 4 staffe + 4 viti / dadi                                                                      | 0,8                                                                                           |

STAFFE PORTABARRE BACK-PLUS VERTICALE

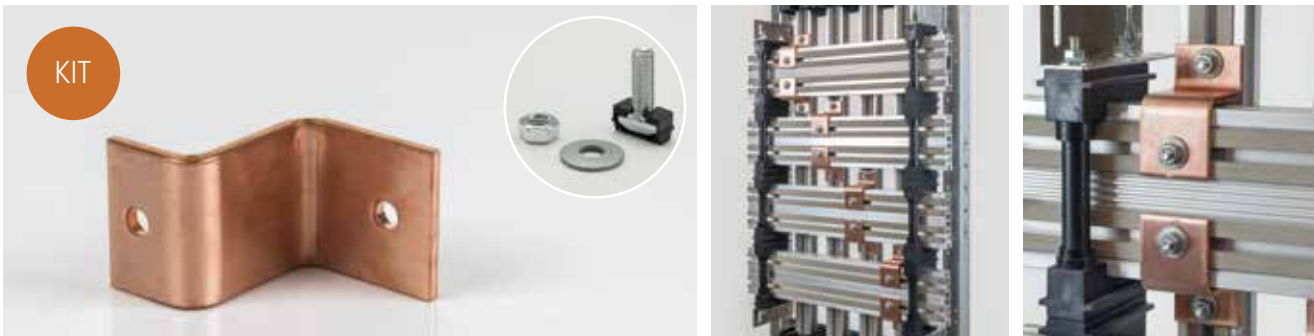
Staffe in acciaio inox per fissaggio portabarre Back-Plus (verticale)



|  CODICE |  CONTENUTO |  PESO (KG) |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| SVLB/C                                                                                       | 6 staffe + 6 viti / dadi                                                                        | 0,65                                                                                            |

GIUNZIONI IN RAME PER SISTEMA SBARRE BACK-PLUS

Giunzioni in rame per il collegamento tra profili Back-Plus tripolari/ quadripolari in posizione orizzontale o verticale



|  CODICE |  CONTENUTO |  PESO (KG) | N.POLI | IN (A)          | SEZIONE RAME | DIM.     |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------|-----------------|--------------|----------|
| GBP3/C                                                                                   | 3 giunzioni + 6 viti / dadi                                                                 | 0,8                                                                                         | 3      | da 630A a 4000A | 40x8         | 60x75x40 |
| GBP4/C                                                                                   | 4 giunzioni + 8 viti / dadi                                                                 | 1                                                                                           | 4      | da 630A a 4000A | 40x8         | 60x75x40 |

1 KIT per calata fino a 630A | 2 KIT per calata ≥ 800A



PROFILO  
SMART  
ENERGY  
PLUS  
FINO A  
6300A

UNA BARRA DEDICATA AD OGNI POTENZA  
Profili di alluminio di varie potenze fino a 6300A studiati per la piccola distribuzione di potenza. Il trattamento di anodizzazione e la superficie di contatto in nichel rendono il profilo inattaccabile da tutti gli agenti atmosferici, garantendone una resistenza ottimale in ambienti particolarmente gravosi.  
Tutti i profili sono stati testati e certificati presso l'istituto CESI.

- VANTAGGI**

  - Economico
  - Massima velocità di cablaggio
  - Nessun impiego di utensili per la foratura
  - Minor peso
  - Adatti all'uso in ambiente gravosi
- CARATTERISTICHE TECNICHE**

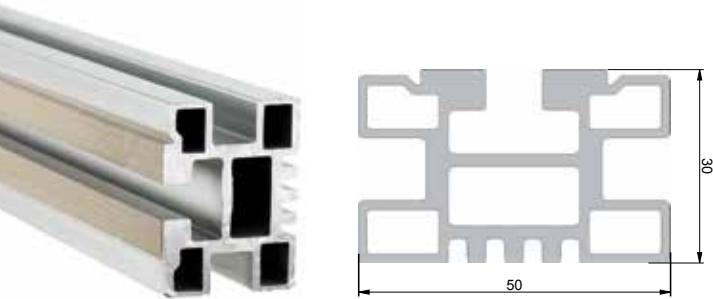
  - Profilo di alluminio con trattamento anodizzato
  - Superficie di contatto in nichel spessore 100 micron



| CERTIFICAZIONI |                                                                                                                                                                                               |                          |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| B5002265       | Verifica della tenuta al corto circuito dei circuiti principali<br>Verifica dell'efficienza del circuito di protezione<br>Verifica della tenuta del corto circuito del circuito di protezione | Inom=6300A<br>Icc=105 kA |
| B7001848       | Verifica della tenuta al corto circuito dei circuiti principali                                                                                                                               | Inom=3200A<br>Icc=105 kA |

PROFILO SMART ENERGY-PLUS 630A / 800A / 1000A

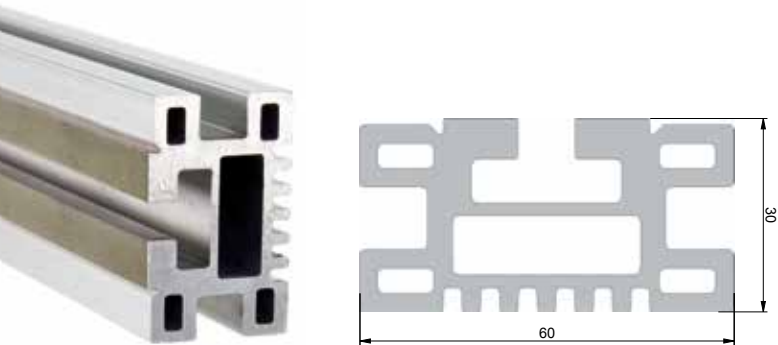
Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 630A / 800A / 1000A.  
\*A RICHIESTA BARRE TAGLIATE A MISURA



|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA10P/1830                                                                               | 1                                                                                           | 2,9                                                                                         | 30                                                                                        | 50                                                                                       | 1830                                                                                       | 1329                      | 1774                      |
| BA10P/2325                                                                               | 1                                                                                           | 3,6                                                                                         | 30                                                                                        | 50                                                                                       | 2325                                                                                       | 1329                      | 1774                      |

PROFILO SMART ENERGY-PLUS 1250A

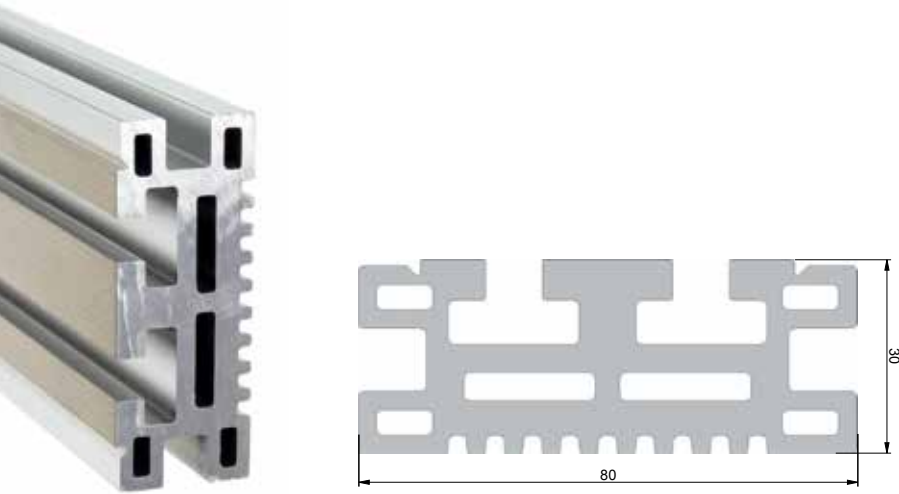
Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 1250A.  
\*A RICHIESTA BARRE TAGLIATE A MISURA



|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA12P/1830                                                                                 | 1                                                                                             | 5,5                                                                                           | 30                                                                                          | 60                                                                                         | 1830                                                                                         | 1492                      | 1889                      |
| BA12P/2325                                                                                 | 1                                                                                             | 7                                                                                             | 30                                                                                          | 60                                                                                         | 2325                                                                                         | 1492                      | 1889                      |

PROFILO SMART ENERGY-PLUS 1600A

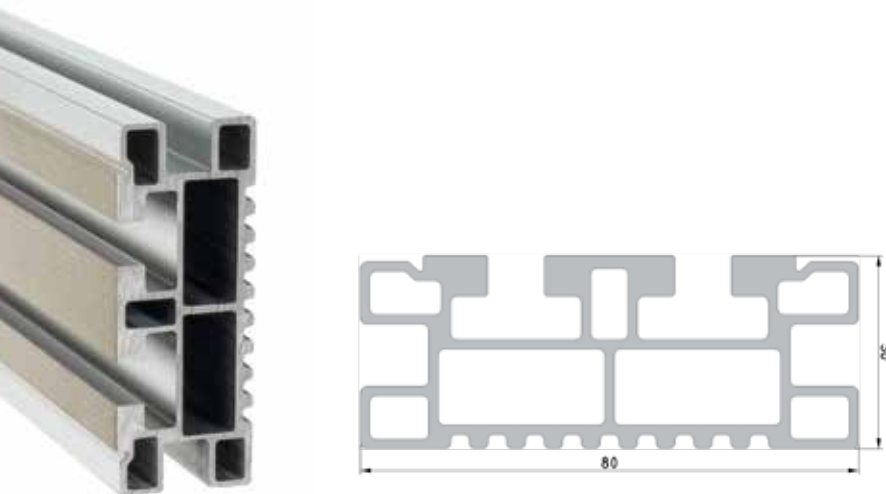
Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 1600A.  
\*A RICHIESTA BARRE TAGLIATE A MISURA



|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA16P/1830                                                                                 | 1                                                                                             | 6,4                                                                                           | 30                                                                                          | 80                                                                                         | 1830                                                                                       | 1774                      | 2215                      |
| BA16P/2325                                                                                 | 1                                                                                             | 8,9                                                                                           | 30                                                                                          | 80                                                                                         | 2325                                                                                       | 1774                      | 2215                      |

PROFILO SMART ENERGY-PLUS 1600A NEUTRO

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 1600A NEUTRO.  
\*A RICHIESTA BARRE TAGLIATE A MISURA

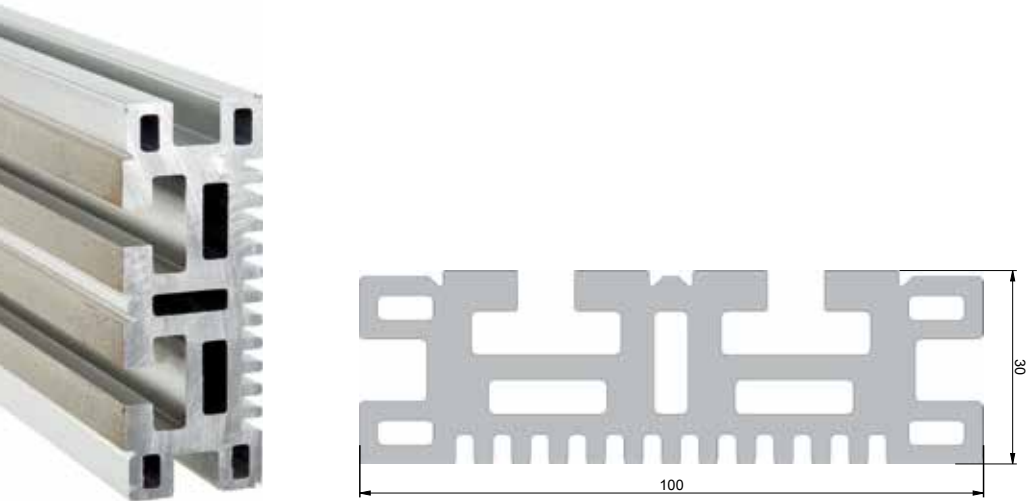


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA16P/5/1830                                                                                 | 1                                                                                               | 1,77                                                                                            | 30                                                                                            | 80                                                                                           | 1830                                                                                         | 1416                      | 1785                      |
| BA16P/5/2325                                                                                 | 1                                                                                               | 2,21                                                                                            | 30                                                                                            | 80                                                                                           | 2325                                                                                         | 1416                      | 1785                      |

PROFILO SMART ENERGY-PLUS 2000A

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 2000A.

\*A RICHIESTA BARRE TAGLIATE A MISURA

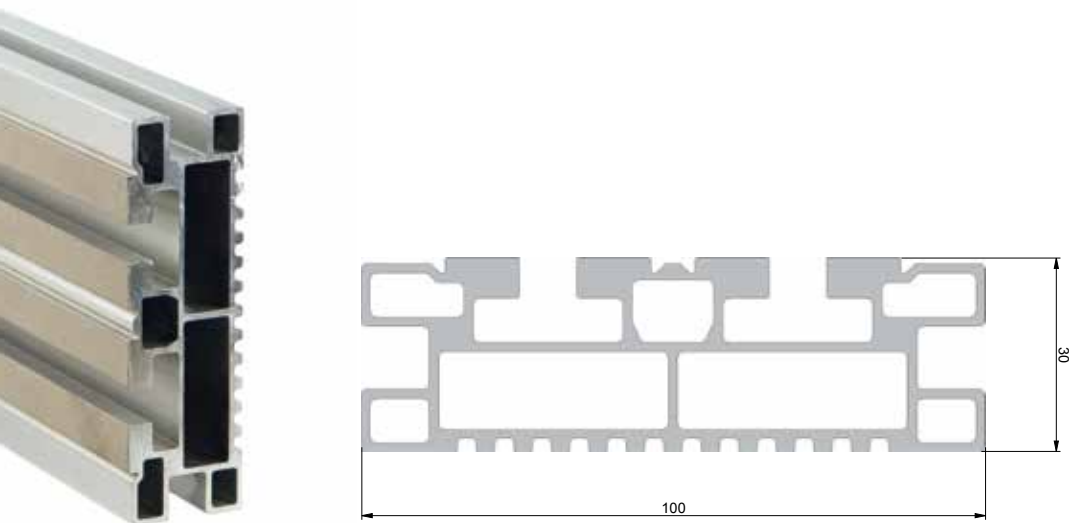


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA20P/1830                                                                               | 1                                                                                           | 9                                                                                           | 30                                                                                        | 100                                                                                      | 1830                                                                                       | 2108                      | 2739                      |
| BA20P/2325                                                                               | 1                                                                                           | 11                                                                                          | 30                                                                                        | 100                                                                                      | 2325                                                                                       | 2108                      | 2739                      |

PROFILO SMART ENERGY-PLUS 2000A NEUTRO

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 2000A NEUTRO.

\*A RICHIESTA BARRE TAGLIATE A MISURA

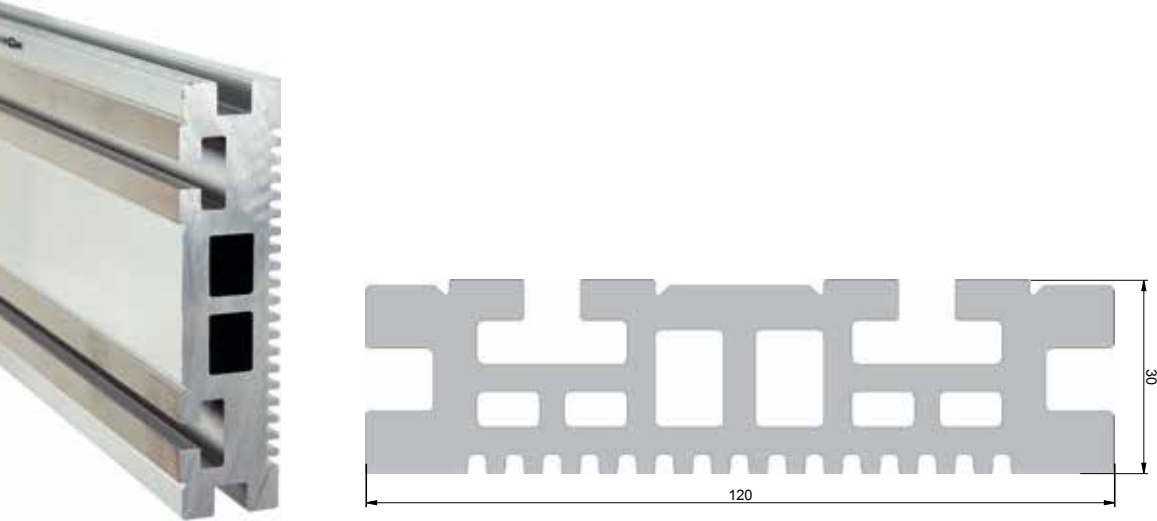


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA20P/5/1830                                                                               | 1                                                                                             | 4,4                                                                                           | 30                                                                                          | 100                                                                                        | 1830                                                                                         | 1660                      | 2197                      |
| BA20P/5/2325                                                                               | 1                                                                                             | 5,4                                                                                           | 30                                                                                          | 100                                                                                        | 2325                                                                                         | 1660                      | 2197                      |

PROFILO SMART ENERGY-PLUS 2500A

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 2500A.

\*A RICHIESTA BARRE TAGLIATE A MISURA

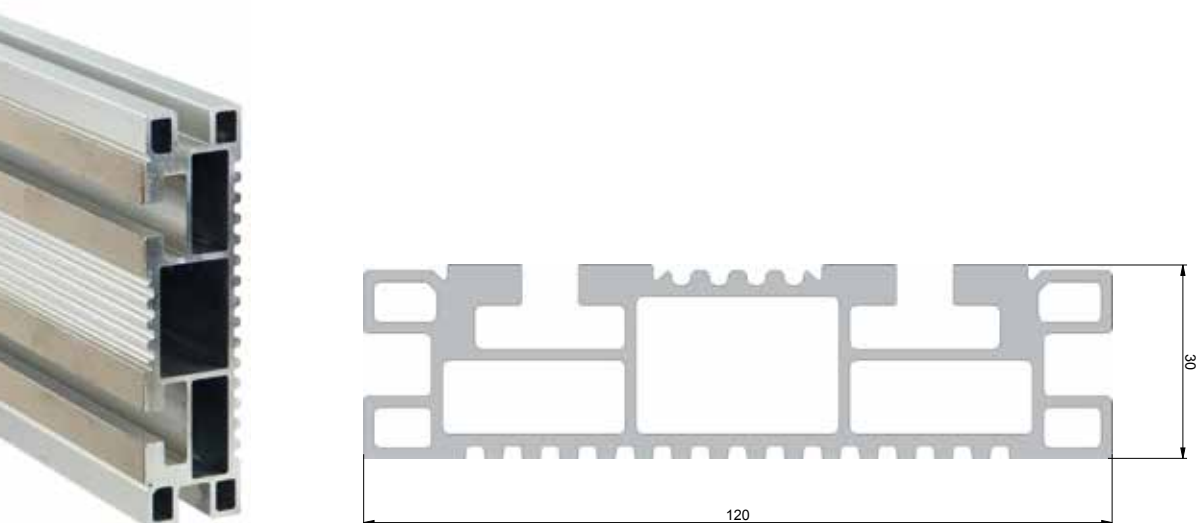


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA25P/1830                                                                                 | 1                                                                                             | 11,2                                                                                          | 30                                                                                          | 120                                                                                        | 1830                                                                                       | 2581                      | 3253                      |
| BA25P/2325                                                                                 | 1                                                                                             | 14,3                                                                                          | 30                                                                                          | 120                                                                                        | 2325                                                                                       | 2581                      | 3253                      |

PROFILO SMART ENERGY-PLUS 2500A NEUTRO

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 2500A NEUTRO.

\*A RICHIESTA BARRE TAGLIATE A MISURA

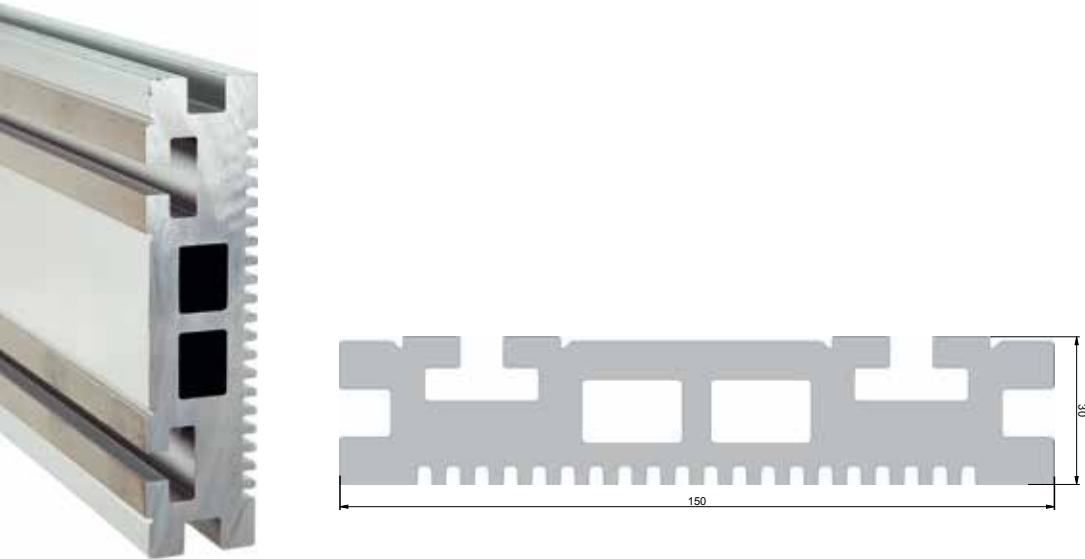


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA25P/5/1830                                                                                 | 1                                                                                               | 6                                                                                               | 30                                                                                            | 120                                                                                          | 1830                                                                                         | 2022                      | 2701                      |
| BA25P/5/2325                                                                                 | 1                                                                                               | 7,7                                                                                             | 30                                                                                            | 120                                                                                          | 2325                                                                                         | 2022                      | 2701                      |

PROFILO SMART ENERGY-PLUS 3200A

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 3200A.

\*A RICHIESTA BARRE TAGLIATE A MISURA

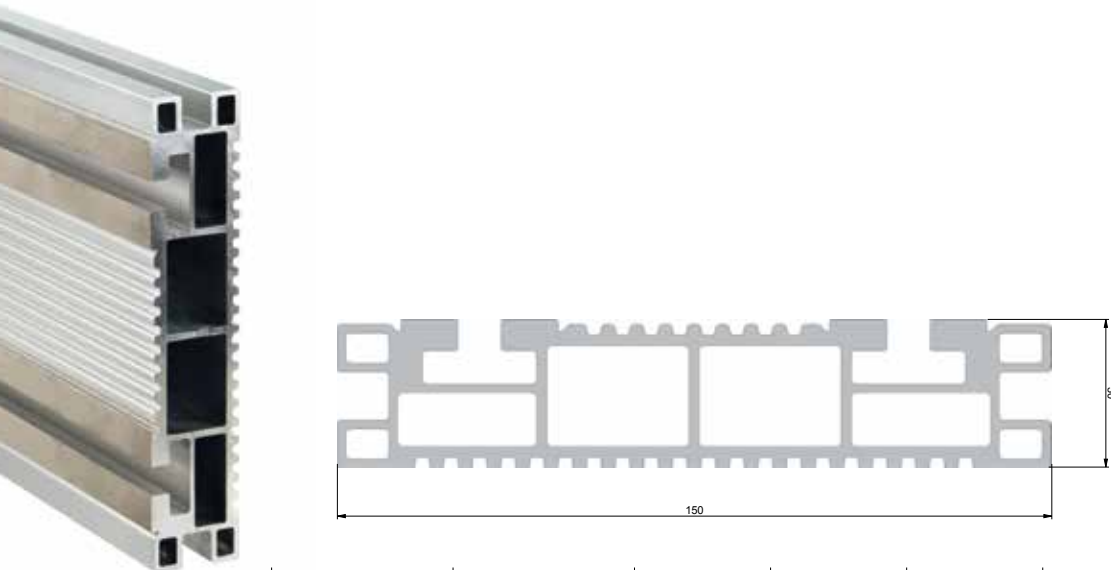


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA32P/1830                                                                               | 1                                                                                           | 15,2                                                                                        | 30                                                                                        | 150                                                                                      | 1830                                                                                       | 3253                      | 4016                      |
| BA32P/2325                                                                               | 1                                                                                           | 19,4                                                                                        | 30                                                                                        | 150                                                                                      | 2325                                                                                       | 3253                      | 4016                      |

PROFILO SMART ENERGY-PLUS 3200A NEUTRO

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 3200A NEUTRO.

\*A RICHIESTA BARRE TAGLIATE A MISURA

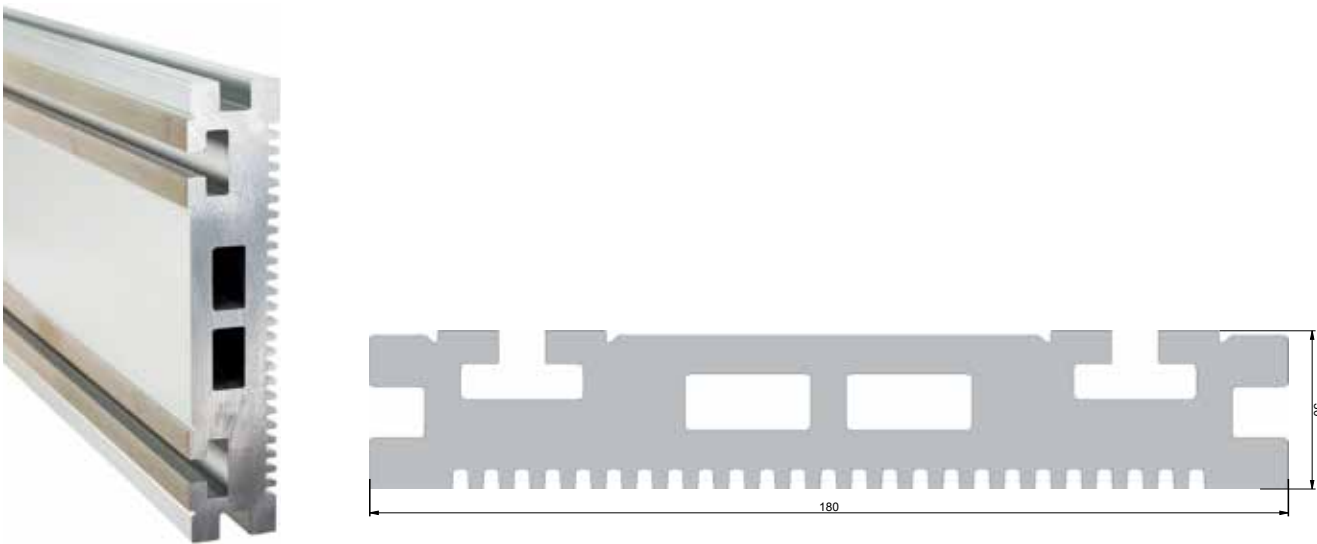


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA32P/5/1830                                                                               | 1                                                                                             | 7,7                                                                                           | 30                                                                                          | 150                                                                                        | 1830                                                                                         | 2609                      | 3138                      |
| BA32P/5/2325                                                                               | 1                                                                                             | 9,8                                                                                           | 30                                                                                          | 150                                                                                        | 2325                                                                                         | 2609                      | 3138                      |

PROFILO SMART ENERGY-PLUS 4000A

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 4000A.

\*A RICHIESTA BARRE TAGLIATE A MISURA

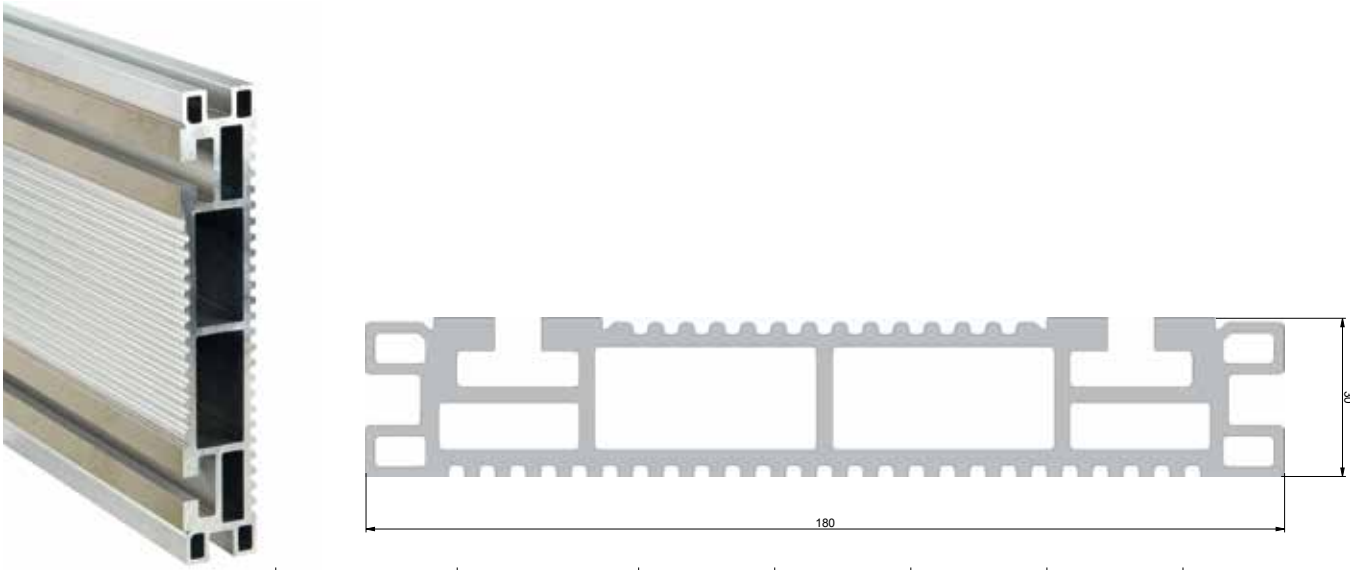


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA40P/1830                                                                                 | 1                                                                                             | 19,5                                                                                          | 30                                                                                          | 180                                                                                        | 1830                                                                                       | 3757                      | 4657                      |
| BA40P/2325                                                                                 | 1                                                                                             | 24,7                                                                                          | 30                                                                                          | 180                                                                                        | 2325                                                                                       | 3757                      | 4657                      |

PROFILO SMART ENERGY-PLUS 4000A NEUTRO

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 4000A NEUTRO.

\*A RICHIESTA BARRE TAGLIATE A MISURA

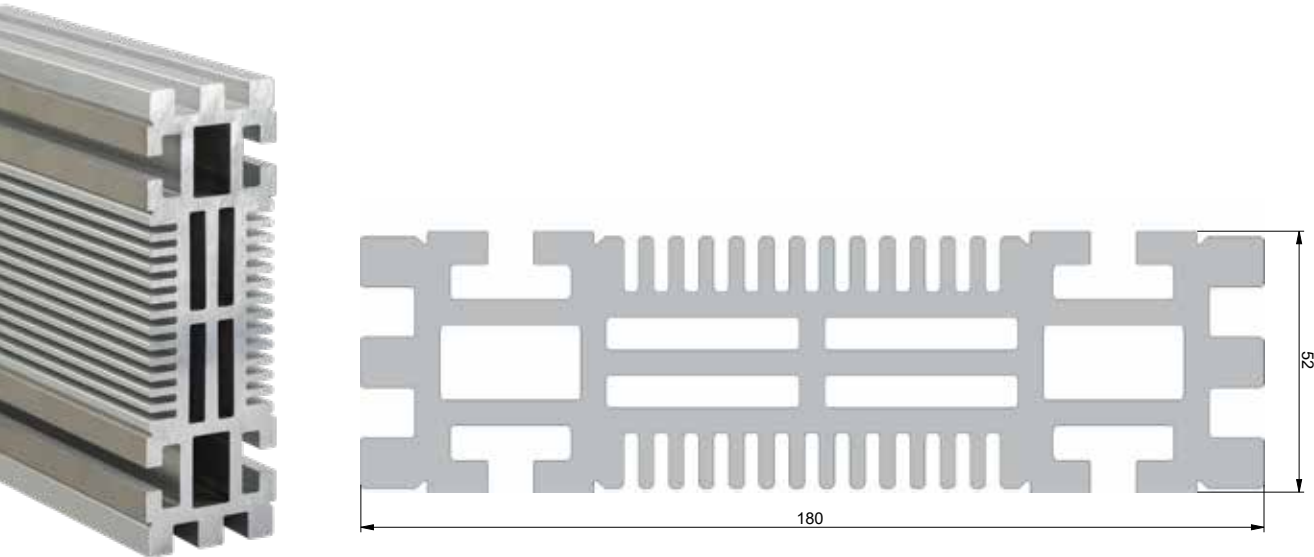


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA40P/5/1830                                                                                 | 1                                                                                               | 10                                                                                              | 30                                                                                            | 180                                                                                          | 1830                                                                                         | 3098                      | 3800                      |
| BA40P/5/2325                                                                                 | 1                                                                                               | 13                                                                                              | 30                                                                                            | 180                                                                                          | 2325                                                                                         | 3098                      | 3800                      |

PROFILO SMART ENERGY-PLUS 5000A

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) fino a 5000A.

\*A RICHIESTA BARRE TAGLIATE A MISURA

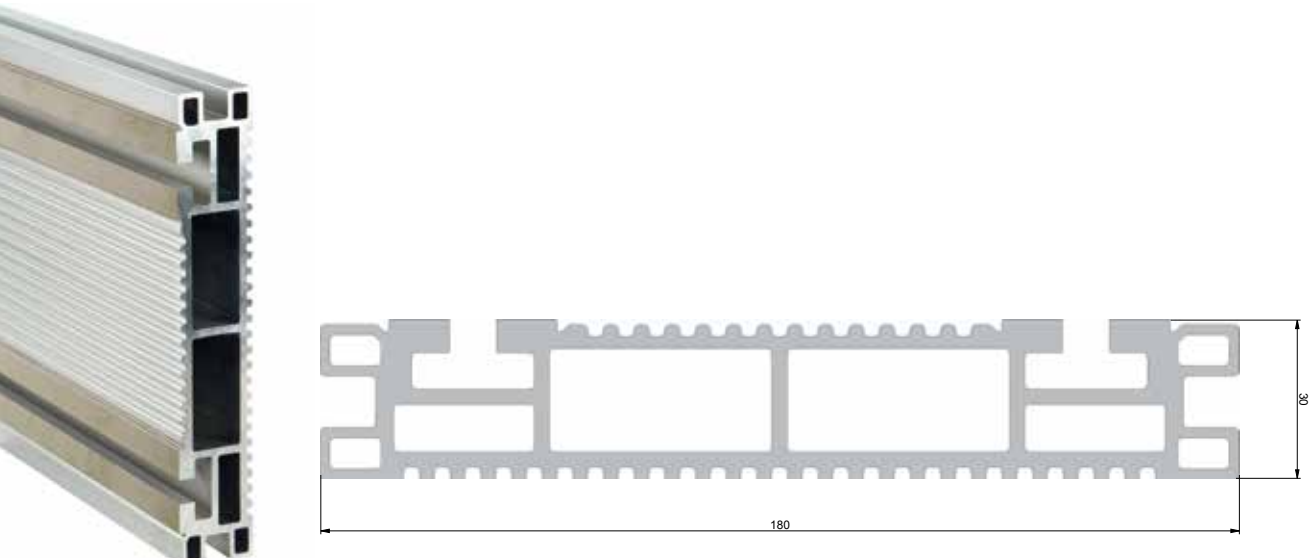


|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA50P/1830                                                                               | 1                                                                                           | 33                                                                                          | 52                                                                                        | 180                                                                                      | 1830                                                                                       | 4331                      | 5384                      |

PROFILO SMART ENERGY-PLUS 4000/5000A NEUTRO

Barra in alluminio anodizzato con superficie di contatto in nichel (applicato con tecnologia cold spray) 4000A e 5000A NEUTRO.

\*A RICHIESTA BARRE TAGLIATE A MISURA



|  CODICE |  CONTENUTO |  PESO (KG) |  SP (MM) |  H (MM) |  L (MM) | $\Delta T\ 30^{\circ}\ C$ | $\Delta T\ 50^{\circ}\ C$ |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| BA40P/5/1830                                                                               | 1                                                                                             | 10                                                                                            | 30                                                                                          | 180                                                                                        | 1830                                                                                         | 3098                      | 3800                      |
| BA40P/5/2325                                                                               | 1                                                                                             | 13                                                                                            | 30                                                                                          | 180                                                                                        | 2325                                                                                         | 3098                      | 3800                      |

GIUNZIONE  
PROFILI  
SMART  
ENERGY  
PLUS

Fazzoletti di giunzione preconfezionati tripolari o quadripolari in alluminio stagnato, testati e certificati per collegare profili Smart Energy-Plus fino a 4000A. Queste giunzioni sono state studiate per adattarsi alle diverse soluzioni di montaggio tra barre orizzontali e tra barre orizzontali e verticali in modo rapido e sicuro.

- VANTAGGI**

  - Comodità
  - Velocità di assemblaggio
  - Funzionalità
- Caratteristiche tecniche

  - Alluminio
  - Trattamento di stagnatura



GIUNZIONE TRA PROFILI ORIZZONTALI

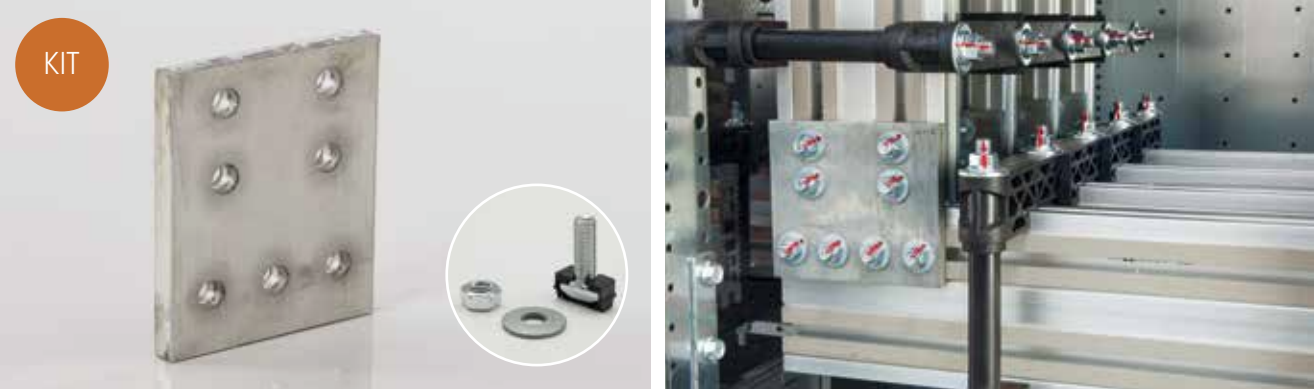
Giunzione in alluminio stagnato per il collegamento tra profili Smart-Energy Plus da 630A a 4000A in posizione orizzontale



|  CODICE |  CONTENUTO |  PESO (KG) | N.POLI | IN (A)                     | SEZIONE ALLUMINIO | LUNGHEZZA |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------|----------------------------|-------------------|-----------|
| GOP123/C                                                                                 | 3 giunzioni<br>+ 12 viti / dadi                                                             | 1,5                                                                                         | 3      | 630 / 800 /<br>1000 / 1250 | 60x10             | 105       |
| GOP124/C                                                                                 | 4 giunzioni<br>+ 16 viti / dadi                                                             | 2                                                                                           | 4      | 630 / 800 /<br>1000 / 1250 | 60x10             | 105       |
| GOP163/C                                                                                 | 3 giunzioni<br>+ 24 viti / dadi                                                             | 1                                                                                           | 3      | 1600                       | 80x10             | 105       |
| GOP164/C                                                                                 | 4 giunzioni<br>+ 32 viti / dadi                                                             | 3                                                                                           | 4      | 1600                       | 80x10             | 105       |
| GOP203/C                                                                                 | 3 giunzioni<br>+ 24 viti / dadi                                                             | 1                                                                                           | 3      | 2000                       | 100x10            | 105       |
| GOP204/C                                                                                 | 4 giunzioni<br>+ 32 viti / dadi                                                             | 4                                                                                           | 4      | 2000                       | 100x10            | 105       |
| GOP253/C                                                                                 | 3 giunzioni<br>+ 24 viti / dadi                                                             | 3                                                                                           | 3      | 2500                       | 120x10            | 105       |
| GOP254/C                                                                                 | 4 giunzioni<br>+ 32 viti / dadi                                                             | 4                                                                                           | 4      | 2500                       | 120x10            | 105       |
| GOP323/C                                                                                 | 6 giunzioni<br>+ 48 viti / dadi                                                             | 3                                                                                           | 3      | 3200                       | 160x10            | 105       |
| GOP324/C                                                                                 | 8 giunzioni<br>+ 64 viti / dadi                                                             | 5                                                                                           | 4      | 3200                       | 160x10            | 105       |
| GOP403/C                                                                                 | 6 giunzioni<br>+ 48 viti / dadi                                                             | 3                                                                                           | 3      | 4000                       | 160x10            | 105       |
| GOP404/C                                                                                 | 8 giunzioni<br>+ 64 viti / dadi                                                             | 4                                                                                           | 4      | 4000                       | 160x10            | 105       |

GIUNZIONE TRA PROFILI VERTICALI/ORIZZONTALI

Giunzione in alluminio stagnato per il collegamento tra profili Smart-Energy Plus da 630A a 4000A in posizione orizzontale o verticale (tripolari/quadripolari)



|  CODICE |  CONTENUTO |  PESO (KG) | N.POLI | IN (A)                     | SEZIONE ALLUMINIO | LUNGHEZZA |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------|----------------------------|-------------------|-----------|
| GVP123/C                                                                                   | 3 giunzioni<br>+ 12 viti / dadi                                                               | 1,5                                                                                           | 3      | 630 / 800 /<br>1000 / 1250 | 60x10             | 105       |
| GVP124/C                                                                                   | 4 giunzioni<br>+ 16 viti / dadi                                                               | 2                                                                                             | 4      | 630 / 800 /<br>1000 / 1250 | 60x10             | 105       |
| GVP163/C                                                                                   | 3 giunzioni<br>+ 24 viti / dadi                                                               | 2                                                                                             | 3      | 1600                       | 80x10             | 105       |
| GVP164/C                                                                                   | 4 giunzioni<br>+ 32 viti / dadi                                                               | 3                                                                                             | 4      | 1600                       | 80x10             | 105       |
| GVP203/C                                                                                   | 3 giunzioni<br>+ 24 viti / dadi                                                               | 3                                                                                             | 3      | 2000                       | 100x10            | 105       |
| GVP204/C                                                                                   | 4 giunzioni<br>+ 32 viti / dadi                                                               | 3,5                                                                                           | 4      | 2000                       | 100x10            | 105       |
| GVP253/C                                                                                   | 3 giunzioni<br>+ 24 viti / dadi                                                               | 3                                                                                             | 3      | 2500                       | 120x10            | 105       |
| GVP254/C                                                                                   | 4 giunzioni<br>+ 32 viti / dadi                                                               | 4                                                                                             | 4      | 2500                       | 120x10            | 105       |
| GVP323/C                                                                                   | 6 giunzioni<br>+ 48 viti / dadi                                                               | 3                                                                                             | 3      | 3200                       | 160x10            | 105       |
| GVP324/C                                                                                   | 8 giunzioni<br>+ 64 viti / dadi                                                               | 5                                                                                             | 4      | 3200                       | 160x10            | 105       |
| GVP403/C                                                                                   | 6 giunzioni<br>+ 48 viti / dadi                                                               | 3                                                                                             | 3      | 4000                       | 160x10            | 105       |
| GVP404/C                                                                                   | 8 giunzioni<br>+ 64 viti / dadi                                                               | 4                                                                                             | 4      | 4000                       | 160x10            | 105       |

GIUNZIONE PER COLLEGAMENTI INTERRUTTORI APERTI

Giunzione barra in alluminio stagnato per collegamento interruttori aperti fino a 3200A (tripolari/quadripolari)

SMART ENERGY PLUS



|  CODICE |  CONTENUTO |  PESO (KG) | N.POLI | DIMENSIONE<br>BARRA DI<br>COLLEGAMENTO | IN (A)        | SEZIONE<br>ALLUMINIO | LUNGHEZZA |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------|----------------------------------------|---------------|----------------------|-----------|
| GC163/C                                                                                  | 3 giunzioni<br>+ 9 viti / dadi                                                              | 1,35                                                                                        | 3      | 60x10                                  | 1250A - 1600A | 100x10               | 105       |
| GC164/C                                                                                  | 4 giunzioni<br>+ 12 viti / dadi                                                             | 1,6                                                                                         | 4      | 60x10                                  | 1250A - 1600A | 100x10               | 105       |
| GC253/C                                                                                  | 3 giunzioni<br>+ 9 viti / dadi                                                              | 1,7                                                                                         | 3      | 100x10                                 | 2000A - 2500A | 120x10               | 105       |
| GC254/C                                                                                  | 4 giunzioni<br>+ 12 viti / dadi                                                             | 2,3                                                                                         | 4      | 100x10                                 | 2000A - 2500A | 120x10               | 105       |
| GC403/C                                                                                  | 3 giunzioni<br>+ 9 viti / dadi                                                              | 1,4                                                                                         | 3      | 120x10                                 | 3200A - 4000A | 180x10               | 105       |
| GC404/C                                                                                  | 4 giunzioni<br>+ 12 viti / dadi                                                             | 1,6                                                                                         | 4      | 120x10                                 | 3200A - 4000A | 180x10               | 105       |

\*\* ATTENZIONE PER COLLEGAMENTO INTERRUTTORE APERTO DA 4000A UTILIZZARE N.2 GIUNZIONI

ALUBAR BARRE  
IN ALLUMINIO

Barre in alluminio stagnato utilizzate per connessione interruttori, prolungamento codoli, giunzioni, condotto barre. Il trattamento di stagnatura rende le barre idonee al contatto con la superficie in nichel dei profili Smart Energy-Basic e Smart Energy-Plus. Analogamente alle tradizionali barre in rame, le barre ALUBAR possono essere punzonate e piegate, il trattamento di stagnatura le rende inattaccabili da tutti gli agenti atmosferici e quindi adatte ad essere utilizzate anche in ambienti particolarmente gravosi. Le barre ALUBAR sono state testate e certificate presso l'istituto IPH.

VANTAGGI

- Economico
- Minor peso
- Adatti all'uso in ambiente gravosi

CARATTERISTICHE TECNICHE

- Barra di alluminio trattata e stagnata

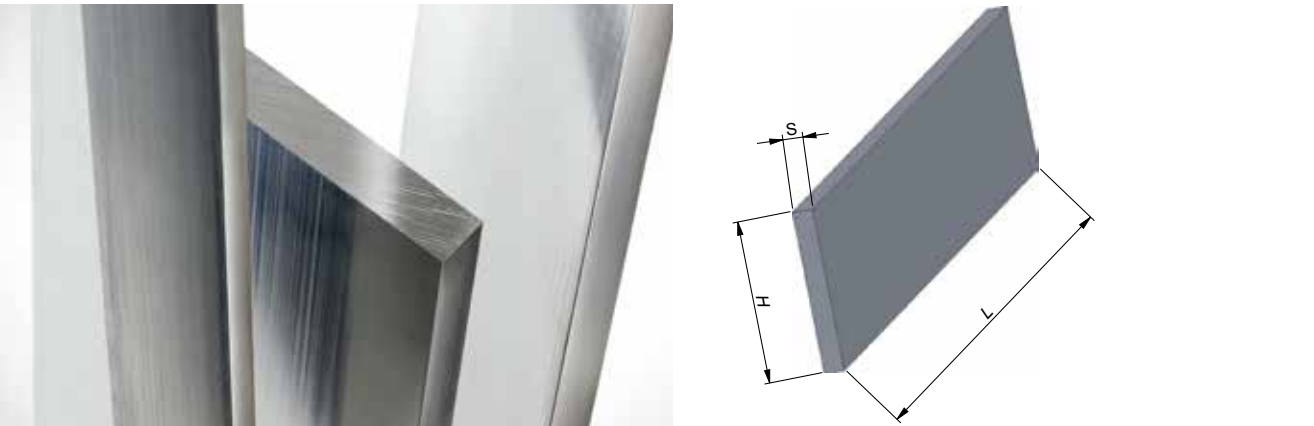


CERTIFICAZIONI

|          |                                                                 |                          |
|----------|-----------------------------------------------------------------|--------------------------|
| B6004584 | Verifica della tenuta al corto circuito dei circuiti principali | Inom=6300A<br>Icc=105 kA |
|----------|-----------------------------------------------------------------|--------------------------|

BARRA ALUBAR FINO A 6300A

Barra in alluminio stagnato, utilizzata per connessione interruttori, prolungamento codoli, giunzioni, condotto barre



| TABELLA PORTATA ALLUMINIO FUNZIONALI<br>AL RIALZO TERMICO ΔT SECONDO NORMA DIN 43671<br>TEMPERATURA AMBIENTE DI RIFERIMENTO 35 °C |                                                                                             |                                                                                                |        |         |        | NUMERO DI BARRE<br>IN PARALLELO<br>ΔT 35° C                                             |                                                                                         |                                                                                         |                                                                                           | NUMERO DI BARRE<br>IN PARALLELO<br>ΔT 50° C                                               |                                                                                           |                                                                                           |                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------|---------|--------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|  CODICE                                          |  CONTENUTO |  PESO<br>(KG) | H (mm) | SP (mm) | L (mm) |  BARRA |  BARRA |  BARRA |  BARRA |  BARRA |  BARRA |  BARRA |  BARRA |
| AL/20103000T                                                                                                                      | 1                                                                                           | 1,5                                                                                            | 20     | 10      | 3000   | 331                                                                                     | /                                                                                       | /                                                                                       | /                                                                                         | 436                                                                                       | /                                                                                         | /                                                                                         | /                                                                                         |
| AL/3063000T                                                                                                                       | 1                                                                                           | 2                                                                                              | 30     | 6       | 3000   | -                                                                                       | /                                                                                       | /                                                                                       | /                                                                                         | -                                                                                         | /                                                                                         | /                                                                                         | /                                                                                         |
| AL/30103000T                                                                                                                      | 1                                                                                           | 2                                                                                              | 30     | 10      | 3000   | 444                                                                                     | /                                                                                       | /                                                                                       | /                                                                                         | 587                                                                                       | /                                                                                         | /                                                                                         | /                                                                                         |
| AL/30153000T                                                                                                                      | 1                                                                                           | 3,5                                                                                            | 30     | 15      | 3000   | 573                                                                                     | /                                                                                       | /                                                                                       | /                                                                                         | 757                                                                                       | /                                                                                         | /                                                                                         | /                                                                                         |
| AL/40123000T                                                                                                                      | 1                                                                                           | 4                                                                                              | 40     | 12      | 3000   | 620                                                                                     | 1154                                                                                    | /                                                                                       | /                                                                                         | 818                                                                                       | 1508                                                                                      | /                                                                                         | /                                                                                         |
| AL/50103000T                                                                                                                      | 1                                                                                           | 4                                                                                              | 50     | 10      | 3000   | 666                                                                                     | 1208                                                                                    | /                                                                                       | /                                                                                         | 879                                                                                       | 1579                                                                                      | /                                                                                         | /                                                                                         |
| AL/50123000T                                                                                                                      | 1                                                                                           | 5                                                                                              | 50     | 12      | 3000   | 739                                                                                     | 1348                                                                                    | 1860                                                                                    | /                                                                                         | 975                                                                                       | 1761                                                                                      | 2431                                                                                      | /                                                                                         |
| AL/50153000T                                                                                                                      | 1                                                                                           | 6                                                                                              | 50     | 15      | 3000   | 840                                                                                     | 1543                                                                                    | 2048                                                                                    | /                                                                                         | 1109                                                                                      | 1778                                                                                      | 2705                                                                                      | /                                                                                         |
| AL/60103000T                                                                                                                      | 1                                                                                           | 5                                                                                              | 60     | 10      | 3000   | 773                                                                                     | 1388                                                                                    | 1937                                                                                    | /                                                                                         | 1020                                                                                      | 1814                                                                                      | 2531                                                                                      | /                                                                                         |
| AL/60123000T                                                                                                                      | 1                                                                                           | 6                                                                                              | 60     | 12      | 3000   | 854                                                                                     | 1538                                                                                    | 2101                                                                                    | /                                                                                         | 1127                                                                                      | 2010                                                                                      | 2745                                                                                      | /                                                                                         |
| AL/60153000T                                                                                                                      | 1                                                                                           | 7                                                                                              | 60     | 15      | 3000   | 967                                                                                     | 1745                                                                                    | 2298                                                                                    | /                                                                                         | 1277                                                                                      | 2046                                                                                      | 2871                                                                                      | /                                                                                         |
| AL/80103000T                                                                                                                      | 1                                                                                           | 6,5                                                                                            | 80     | 10      | 3000   | 982                                                                                     | 1718                                                                                    | 2377                                                                                    | /                                                                                         | 1296                                                                                      | 2244                                                                                      | 3105                                                                                      | /                                                                                         |
| AL/80123000T                                                                                                                      | 1                                                                                           | 8                                                                                              | 80     | 12      | 3000   | 1079                                                                                    | 1892                                                                                    | 2559                                                                                    | /                                                                                         | 1424                                                                                      | 2473                                                                                      | 3343                                                                                      | /                                                                                         |
| AL/100103000T                                                                                                                     | 1                                                                                           | 8                                                                                              | 100    | 10      | 3000   | 1188                                                                                    | 2047                                                                                    | 2786                                                                                    | /                                                                                         | 1568                                                                                      | 2675                                                                                      | 3640                                                                                      | /                                                                                         |
| AL/100123000T                                                                                                                     | 1                                                                                           | 10                                                                                             | 100    | 12      | 3000   | 1299                                                                                    | 2240                                                                                    | 2986                                                                                    | /                                                                                         | 1715                                                                                      | 2927                                                                                      | 3903                                                                                      | /                                                                                         |
| AL/100153000T                                                                                                                     | 1                                                                                           | 12                                                                                             | 100    | 15      | 3000   | 1448                                                                                    | 2496                                                                                    | 3215                                                                                    | /                                                                                         | 1911                                                                                      | 3295                                                                                      | 4244                                                                                      | /                                                                                         |
| AL/120103000T                                                                                                                     | 1                                                                                           | 10                                                                                             | 120    | 10      | 3000   | 1388                                                                                    | 2357                                                                                    | 3195                                                                                    | 3924                                                                                      | 1832                                                                                      | 3079                                                                                      | 4175                                                                                      | 5180                                                                                      |
| AL/120123000T                                                                                                                     | 1                                                                                           | 12                                                                                             | 120    | 12      | 3000   | 1513                                                                                    | 2569                                                                                    | 3410                                                                                    | 4142                                                                                      | 1997                                                                                      | 3356                                                                                      | 4456                                                                                      | 5468                                                                                      |
| AL/160103000T                                                                                                                     | 1                                                                                           | 13                                                                                             | 160    | 10      | 3000   | 1777                                                                                    | 2956                                                                                    | 3994                                                                                    | 4813                                                                                      | 2345                                                                                      | 3862                                                                                      | 5219                                                                                      | 6353                                                                                      |

