

SHP 60A/60mV



SHP 60A/60mV, Shunts pour la mesure de courant continu

Code: M71214.

- > Précision: 1
- > Rang mesure (A): 60A/60mV
- > Courant entrée: 60 A
- > Relación: 60A/60mV

La description

- Shunt destiné à la mesure du courant continu compris entre 1 Acc et 20 000 Acc (en fonction du modèle)
- Classe de précision 0,5
- Câbles d'une longueur de 1,5 m et d'une section de 1,5 m² fournis avec tous les modèles
- Tension de sortie standard de .../60 mV (autres rapports disponibles sur commande)

Application

Élément destiné aux lignes électriques à courant continu pour obtenir un signal de tension de rapport proportionnel au courant qui traverse le shunt.



SHP 60A/60mV

Shunts

Code: M71214.

Spécifications

Caractéristiques électriques

Surcharge permanente 1,2 I_n

Caractéristiques environnementales

Température de travail -25 ... +60 °C

Caractéristiques mécaniques

Boîtier Tiges de manganèse Bornes en laiton

Poids (kg) 0,038

Circuit de mesure de courant

Fréquence nominale 50 / 60 Hz

Courant primaire mesure 60 A

Surcharge admissible Pendant 5 s 10 I_n , oui 10 A $\leq I_n \leq 500$ A 5 I_n , oui 600 A $\leq I_n \leq 2000$ A 2 I_n , oui 2500 A $\leq I_n$

Ratio de transformation ... / 60 mV

Règlementation

Règlementation DIN 43703, IEC 51, VDE 410, BS 89

Précision de mesure

Précision 1

SH

Shunts pour la mesure de courant continu

| CODE | TYPE | Rang mesure (A) |
|---------|---------------|-----------------|
| M71211. | SHP 30A/60mV | 30A/60mV |
| M71212. | SHP 40A/60mV | 40A/60mV |
| M71213. | SHP 50A/60mV | 50A/60mV |
| M71214. | SHP 60A/60mV | 60A/60mV |
| M71215. | SHP 75A/60mV | 75A/60mV |
| M71216. | SHP 100A/60mV | 100A/60mV |
| M71217. | SHP 150A/60mV | 150A/60mV |
| M71218. | SHP 200A/60mV | 200A/60mV |
| M71221. | SHB 1A/60mV | 1A/60mV |
| M71222. | SHB 1.5A/60mV | 1.5A/60mV |
| M71223. | SHB 2.5A/60mV | 2.5A/60mV |



SHP 60A/60mV

Shunts

Code: M71214.

| CODE | TYPE | Rang mesure (A) |
|---------|----------------|-----------------|
| M71224. | SHB 4A/60mV | 4A/60mV |
| M71225. | SHB 5A/60mV | 5A/60mV |
| M71226. | SHB 6A/60mV | 6A/60mV |
| M71227. | SHB 10A/60mV | 10A/60mV |
| M71228. | SHB 15A/60mV | 15A/60mV |
| M71229. | SHB 25A/60mV | 25A/60mV |
| M7122A. | SHB 30A/60mV | 30A/60mV |
| M7122B. | SHB 40A/60mV | 40A/60mV |
| M7122C. | SHB 50A/60mV | 50A/60mV |
| M7122D. | SHB 60A/60mV | 60A/60mV |
| M7122E. | SHB 80A/60mV | 80A/60mV |
| M7122F. | SHB 100A/60mV | 100A/60mV |
| M7122N. | SHB 200A/60mV | 200A/60mV |
| M71231. | SH 30A/60mV | 30A/60mV |
| M71232. | SH 40A/60mV | 40A/60mV |
| M71233. | SH 50A/60mV | 50A/60mV |
| M71234. | SH 60A/60mV | 60A/60mV |
| M71235. | SH 80A/60mV | 80A/60mV |
| M71236. | SH 100A/60mV | 100A/60mV |
| M71237. | SH 150A/60mV | 150A/60mV |
| M71238. | SH 200A/60mV | 200A/60mV |
| M71239. | SH 250A/60mV | 250A/60mV |
| M7123A. | SH 300A/60mV | 300A/60mV |
| M7123B. | SH 400A/60mV | 400A/60mV |
| M7123C. | SH 500A/60mV | 500A/60mV |
| M7123D. | SH 600A/60mV | 600A/60mV |
| M7123E. | SH 750A/60mV | 750A/60mV |
| M7123F. | SH 800A/60mV | 800A/60mV |
| M7123G. | SH 1000A/60mV | 1000A/60mV |
| M7123H. | SH 1200A/60mV | 1200A/60mV |
| M7123J. | SH 1500A/60mV | 1500A/60mV |
| M7123K. | SH 2000A/60mV | 2000A/60mV |
| M7123L. | SH 2500A/60mV | 2500A/60mV |
| M7123M. | SH 3000A/60mV | 3000A/60mV |
| M7123N. | SH 4000A/60mV | 4000A/60mV |
| M7123O. | SH 20000A/60mV | 20000A/60mV |
| M7123P. | SH 5000A/60mV | 5000A/60mV |
| M7123Q. | SH 6000A/60mV | 6000A/60mV |
| M7123R. | SH 7500A/60mV | 7500A/60mV |



SHP 60A/60mV

Shunts

Code: M71214.

| CODE | TYPE | Rang mesure (A) |
|---------|----------------|-----------------|
| M7123S. | SH 8000A/60mV | 8000A/60mV |
| M7123T. | SH 10000A/60mV | 10000A/60mV |
| M7123U. | SH 12500A/60mV | 12500A/60mV |
| M7123V. | SH 15000A/60mV | 15000A/60mV |
| M7123Z. | SH 18000A/60mV | 18000A/60mV |

SHP : Connexion Faston ; **SHB** : Base isolante (jusqu'à 100 A); **SH** : Sans base

Tous les shunts sont fournis avec des câbles de 1,5 m de longueur et 1,5 mm² de section
Pour d'autres configurations, voir le tableau des performances supplémentaires.

SHP 60A/60mV

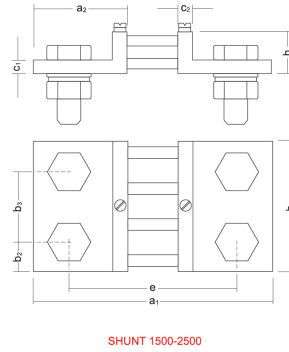
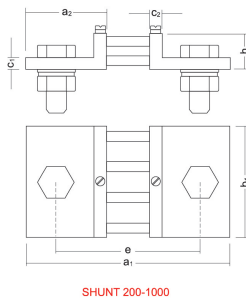
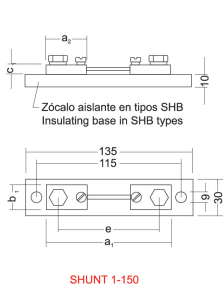


Shunts

Code: M71214.

Dimensions

| Voltage drop mV ₀ | Range A ₀ | Fig. | a1 | a2 | b1 | b2 | b3 | c1 | c2 | e | h | N° Current connections | Current connections | | | Voltage connections | |
|------------------------------|--------------------------|------|-----|----|----|-----|----|-------|----------|-----|-----|------------------------|--------------------------|----------------|-------------|---|-----|
| | | | | | | | | | | | | | Hexagonal screws DIN 933 | Washer DIN 125 | DIN 934 nut | | |
| 60 | 1-1, 5-2, 5-4-6-10-15-25 | 1 | 90 | 28 | 20 | - | - | 8 | - | 78 | - | 2 x 1 | M5 x 12 | 5,3 | - | 2 Screws M5 x 8 DIN 84 & 2 Washer 5,3 DIN 433 | |
| | 30-40-60-100-150 | | 100 | 33 | 20 | - | - | 8 | - | 80 | - | 2 x 1 | M8 x 16 | 8,4 | - | | |
| | 250 | 2 | 145 | 55 | 30 | 15 | - | 10 | 10 | 105 | 30 | 2 x 1 | M12 x 40 | 13 | M12 | | |
| | 400-600 | | | | 40 | 20 | - | - | - | - | - | - | 2 x 1 | M16 x 45 | 17 | | M16 |
| | 800 | | | | 60 | 30 | - | - | - | - | - | - | 2 x 1 | M20 x 50 | 21 | | M20 |
| | 1500 | | | | 90 | 21 | 48 | 10 | 10 | 115 | 30 | 2 x 2 | M16 x 45 | 17 | M16 | | |
| 2500 | 120 | 30 | 60 | 10 | 10 | 115 | 30 | 2 x 2 | M20 x 50 | 21 | M20 | | | | | | |
| 150 | 1-1, 5-2, 5-4-6-10-15-25 | 1 | 90 | 25 | 20 | - | - | 8 | - | 78 | - | 2 x 1 | M5 x 12 | 5,3 | - | 2 Screws M5 x 8 DIN 84 & 2 Washer 5,3 DIN 433 | |
| | 40-60-100-150 | | 225 | 33 | 25 | - | - | 8 | - | 205 | - | 2 x 1 | M8 x 16 | 8,4 | - | | |
| | 250 | 2 | 270 | 55 | 30 | 15 | - | 10 | 10 | 230 | 50 | 2 x 1 | M12 x 40 | 13 | M12 | | |
| | 400-600 | | | | 40 | 20 | - | - | - | - | - | - | 2 x 1 | M16 x 45 | 17 | | M16 |
| | 800 | | | | 60 | 30 | - | - | - | - | - | - | 2 x 1 | M20 x 50 | 21 | | M20 |
| | 1500 | | | | 90 | 21 | 48 | 10 | 10 | 115 | 30 | 2 x 2 | M16 x 45 | 17 | M16 | | |
| 2500 | 120 | 30 | 60 | 10 | 10 | 115 | 30 | 2 x 2 | M20 x 50 | 21 | M20 | | | | | | |



| Units: (A) | A | B | C |
|------------|------|------|------|
| 30 | 35 | 0.7 | 73.5 |
| 40 | 35 | 0.7 | 73.5 |
| 50 | 35 | 0.7 | 73.5 |
| 60 | 35 | 0.7 | 62 |
| 75 | 35 | 1.25 | 48 |
| 100 | 28.5 | 1.25 | 50.5 |
| 150 | 35 | 1.25 | 41.5 |
| 200 | 28.5 | 3 | 64 |