





DC Current Sensor

| Classification | Open Loop Type | | | |
|----------------------|-------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|
| Model | Subminutures Split P/S | Subminutures Single P/S | Midium size Split P/S | Midium size Single P/S |
| | HPS-AP Series | HPS-AS Series | HCS-20-AP Series | HCS-20-AS Series |
| Shape | | | | |
| Features/Application | Subminiature PBC mounting Split P/S | Subminiature PBC mounting Single P/S | Midium size Panel mounting Split P/S | Midium size Panel mounting Single P/S |
| Dimensions(mm) | 15W x 19H x 15D | | 53W x 51H x 14t | |
| Hole Dia. (mm) | - | | 20 | |
| Control P/S | ± 15V | + 12V | ± 15V | + 8 ~ + 16V |
| Rated Current | ± 3A ~ ± 25A 6 Types | ± 3A ~ ± 25A 6 Types | ± 10A ~ ± 200A 6 Types | ± 50A ~ ± 500A 5 Types |
| OUT PUT | 0 ~ ± 4V | 2.5V ± 2V | 0 ~ ± 4V | 2.5V ± 2V |
| Max OUT PUT | ± 300% | ± 100% | ± 250% | ± 100% |
| Freq Range | DC ~ 20KHz | DC ~ 20KHz | DC ~ 20KHz | DC ~ 20KHz |
| Ip Limit | 1000%,50ms | 1000%,50ms | No limit | No limit |
| Remarks | - | | Option: Connector set | |







DC Current Sensor

| Classification | Open Loop Type | | |
|----------------------|---|--------------------------------------|---|
| Model | Large size Split P/S | Large size Single P/S | Clamp type Split P/S |
| | HCS-36-AP Series | HCS-36-AS Series | HCS-20/36-AP-CL Series |
| Shape |  | |  |
| Features/Application | Large size Panel mounting Split P/S | Large size Panel mounting Single P/S | Clamp type of HCS-AP series |
| Dimensions(mm) | 92W x 70H x 20(40)t | | HCS-APシリーズと共通 |
| Hole Dia. (mm) | 36 | | 20/ 36 |
| Control P/S | ± 15V | + 8 ~ + 16V | ± 15V |
| Rated Current | ± 200A ~ ± 800A 3 Types | ± 200A ~ ± 2000A 4 Types | ± 10A ~ ± 800A 9 Type |
| OUT PUT | 0 ~ ± 4V | 2.5V ± 2V | 0 ~ ± 4V |
| Max OUT PUT | ± 250% | ± 100% | ± 250% |
| Freq Range | DC ~ 20KHz | DC ~ 20KHz | DC ~ 20KHz |
| Ip Limit | No limit | No limit | No limit |
| Remarks | Option: Connector set | | Option: Connector set Divided apart tightened with clamp band & screw |



DC Current Sensor

| Classification | Closed Loop Through hole Type | Micro Current Through hole Type | Micro CurrentCube Type | Open Loop Clamp on Type |
|----------------------|---|---|--|---|
| Model | HCS-20-SC Series | CMD-4-DC01-SC | HPS-01-AP | HCS-10-50APCL |
| Shape |  |  |  |  |
| Features/Application | Zero flux method Precision measuring | Flux Gate method Precision measuring | Multiple Primary winding PBC mounting | Subminiature Clamp on Type |
| Dimensions(mm) | 85W x 50H x 20t | 85W x 50H x 20t | 15W x 19H x 15D | 26W x 38H x 23t |
| Hole Dia. (mm) | 20 | 20 | - | 10 |
| Control P/S | ± 15V | ± 15V | ± 15V | ± 15V |
| Rated Current | ± 25A ~ ± 250A 5 Types | 100mADC | ± 100mA | ± 50A |
| OUT PUT | 0 ~ ± 5V | 0 ~ 10V | 0 ~ ± 4V | 0 ~ ± 4V |
| Freq Range | DC ~ 500KHz | DC ~ 2Hz | DC ~ 20Hz | DC ~ 20Hz |
| I _p Limit | 500A | 150mA | 300mA | 125A |
| Remarks | Option: Panel mount holder | Option: Panel mount holder | - | - |