

CATALOGUE

Current Transducer



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제품명	직경	감지범위	연결유형	측정방법	출력	Page
DCS16P5A-CL420	16Ø	5A	22AWGx2c	AC True RMS	4-20mA	3
DCS16P10A-CL420	16Ø	10A	22AWGx2c	AC True RMS	4-20mA	3
DCS16P20A-CL420	16Ø	20A	22AWGx2c	AC True RMS	4-20mA	3
DCS16P30A-CL420	16Ø	30A	22AWGx2c	AC True RMS	4-20mA	3
DCS16P50A-CL420	16Ø	50A	22AWGx2c	AC True RMS	4-20mA	3
DCS16P75A-CL420	16Ø	75A	22AWGx2c	AC True RMS	4-20mA	3
DCS16P100A-CL420	16Ø	100A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P5A-CL420	24Ø	5A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P10A-CL420	24Ø	10A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P20A-CL420	24Ø	20A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P30A-CL420	24Ø	30A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P50A-CL420	24Ø	50A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P75A-CL420	24Ø	75A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P100A-CL420	24Ø	100A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P150A-CL420	24Ø	150A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P200A-CL420	24Ø	200A	22AWGx2c	AC True RMS	4-20mA	3
DCS24P250A-CL420	24Ø	250A	22AWGx2c	AC True RMS	4-20mA	3
DCS35P100A-CL420	35Ø	100A	22AWGx2c	AC True RMS	4-20mA	3
DCS35P200A-CL420	35Ø	200A	22AWGx2c	AC True RMS	4-20mA	3
DCS35P300A-CL420	35Ø	300A	22AWGx2c	AC True RMS	4-20mA	3
DCS35P400A-CL420	35Ø	400A	22AWGx2c	AC True RMS	4-20mA	3
DCS35P500A-CL420	35Ø	500A	22AWGx2c	AC True RMS	4-20mA	3
DCS35P600A-CL420	35Ø	600A	22AWGx2c	AC True RMS	4-20mA	3
DHS20P50A-CL420	20Ø	50A	Terminal	AC True RMS / DC	4-20mA	4
DHS20P100A-CL420	20Ø	100A	Terminal	AC True RMS / DC	4-20mA	4
DHS20P200A-CL420	20Ø	200A	Terminal	AC True RMS / DC	4-20mA	4
DHS20P300A-CL420	20Ø	300A	Terminal	AC True RMS / DC	4-20mA	4
DHS20P400A-CL420	20Ø	400A	Terminal	AC True RMS / DC	4-20mA	4
DHS40P100A-CL420	40Ø	100A	Terminal	AC True RMS / DC	4-20mA	4
DHS40P200A-CL420	40Ø	200A	Terminal	AC True RMS / DC	4-20mA	4
DHS40P300A-CL420	40Ø	300A	Terminal	AC True RMS / DC	4-20mA	4
DHS40P400A-CL420	40Ø	400A	Terminal	AC True RMS / DC	4-20mA	4
DHS40P500A-CL420	40Ø	500A	Terminal	AC True RMS / DC	4-20mA	4
DHS40P600A-CL420	40Ø	600A	Terminal	AC True RMS / DC	4-20mA	4
DHS40P800A-CL420	40Ø	800A	Terminal	AC True RMS / DC	4-20mA	4
DHS40P1000A-CL420	40Ø	1000A	Terminal	AC True RMS / DC	4-20mA	4

특징

- True RMS 전류 측정 가능
- 분할 코어 구조물에 클램프 고정
- 표준 4 ~ 20mA DC 출력
- IPN@25°C의 정확도 $\pm 2\%$
- 전원 24V 에서 최대 부하 저항 300 Ω
- 주파수 대역폭: 50~400Hz(최대 6kHz)
- 24Vdc 루프 전력 20...30Vdc
- 절연 저항 @ 1000VDC: > 1000 M Ω



- DCS16P Series

Symbol	Unit	5A	10A	20A	30A	50A	75A	100A
IPN	ARMS	5	10	20	30	50	75	100

- DCS24P Series

Symbol	Unit	5A	10A	20A	30A	50A	75A	100A	150A	200A	250A
IPN	ARMS	5	10	20	30	50	75	100	150	200	250

- DCS35P Series

Symbol	Unit	100A	200A	300A	400A	500A	600A	-
IPN	ARMS	100	200	300	400	500	600	-

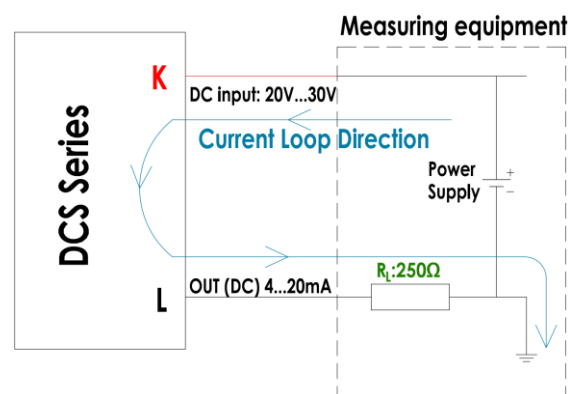
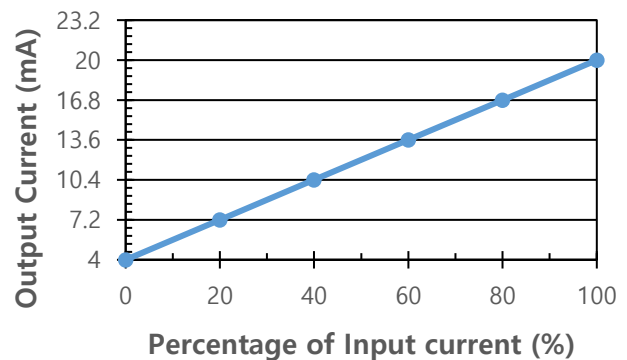
적용 분야

개발연구, 생산라인, 배전반, IOT 사업, AI 전류 제어 다양한 전류 모니터링 분야

Dimensions

Series	Dimensions
DCS16P	
DCS24P	
DCS35P	

Output Current Chart / Connections



특징

- True RMS (AC/DC) 전류 측정장치
- 스플릿 코어 구조에 클램프
- 표준 4 - 20mA DC 출력 (2-wire)
- 정확도 $\pm 1\%$ @ 25°C의 1% (오프셋 제외)
- 최대 부하 저항 300 Ω (24V 전원 공급시)
- 24 Vdc 루프 전력 20... 30Vdc
- 주파수 대역폭 : 50~400Hz (최대 6kHz)
- 1000VDC 시 전극 분리 저항 >1000 M Ω



-DHS20P Series

Symbol	Unit	50A	100A	200A	300A	400A	-
IPN	ARMS	50	100	200	300	400	-

- DHS40P Series

Symbol	Unit	100A	200A	300A	400A	500A	600A	800A	1000A
IPN	ARMS	100	200	300	400	500	600	800	1000

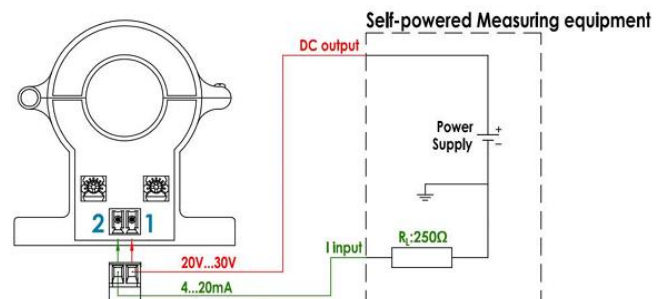
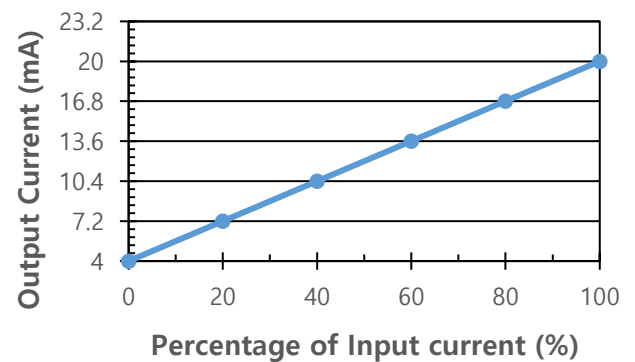
적용 분야

개발연구, 생산라인, 배전반, IOT 사업, AI 전류 제어 다양한 전류 모니터링 분야

Dimensions

Series	Dimensions
DHS20P	
DHS40P	

Output Current Chart / Connections





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