



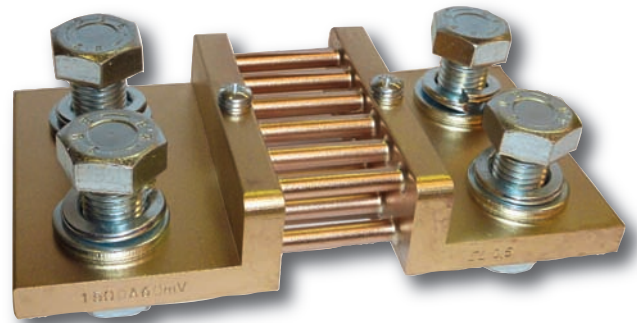
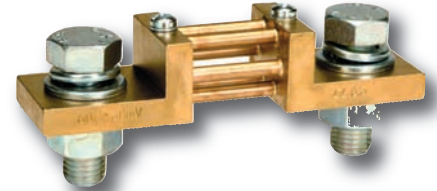
**Derivatore
per misure in
corrente continua**

**Shunts
for direct current
measure**

DER

Fornisce un segnale in mV direttamente
proporzionale alla corrente misurata
Corrente primaria 1...6000A
Caduta di tensione 60 – 100 – 150mV
Precisione cl. 0,5
Dimensioni conformi a DIN43703

It gives a mV signal directly proportional
to the measured current
Primary current 1...6000A
Voltage drop 60 – 100 – 150mV
Accuracy cl. 0,5
Dimensions according to DIN43703



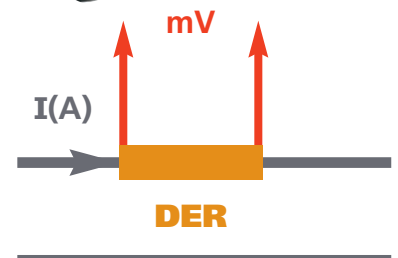
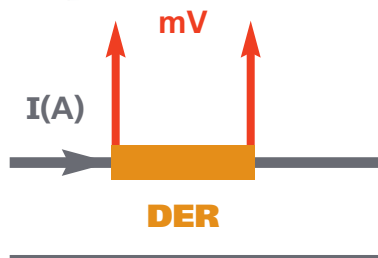
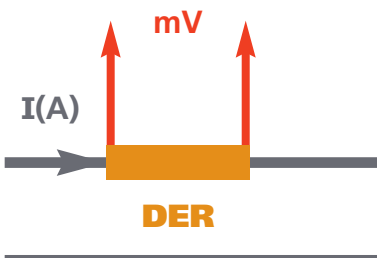
Nemo D4-Dc



**Indicatori Digitali
Digital Meters**



**Indicatori Analogici
Analog Meters**



DER 60mV
caduta di tensione
voltage drop

CODICE ORDINAZIONE ORDER CODE	Portata Range A	A	B	C	D	E	F	G	H	I	fig.																				
DER060A100	1	90	28	20	-	-	8	-	78	-	1																				
DER060A150	1,5																														
DER060A200	2																														
DER060A250	2,5																														
DER060A300	3																														
DER060A400	4																														
DER060A500	5																														
DER060A600	6																														
DER060A800	8																														
DER060B100	10																														
DER060B150	15																														
DER060B200	20																														
DER060B250	25	100	33	20	-	-	8	-	80	-	6																				
DER060B300	30																														
DER060B400	40																														
DER060B500	50																														
DER060B600	60																														
DER060B800	80																														
DER060C100	100																														
DER060C120	120																														
DER060C150	150																														
DER060C200	200																														
DER060C250	250											145	55	30	-	-	10	10	105	30	2										
DER060C300	300																														
DER060C400	400																														
DER060C500	500																														
DER060C600	600																														
DER060C800	800																														
DER060D100	1000	165	65	60	-	-	10	10	115	30	3																				
DER060D120	1200																														
DER060D150	1500																														
DER060D200	2000																														
DER060D250	2500																														
DER060D300	3000																					165	65	120	30	60	10	10	115	30	4
DER060D400	4000																														
DER060D500	5000											175	70	154	25	52	25	15	125	130	5										
DER060D600	6000																														

DER 100mV
caduta di tensione
voltage drop

CODICE ORDINAZIONE ORDER CODE	Portata Range A	A	B	C	D	E	F	G	H	I	fig.
DER100A100	1	90	28	20	-	-	8	-	78	-	1
DER100A150	1,5										
DER100A200	2										
DER100A250	2,5										
DER100A300	3										
DER100A400	4										
DER100A500	5	90	28	20	-	-	8	-	78	-	1
DER100A600	6										
DER100A800	8										
DER100B100	10										
DER100B150	15										
DER100B200	20										
DER100B250	25	123	33	20	-	-	8	-	103	-	6
DER100B300	30										
DER100B400	40										
DER100B500	50										
DER100B600	60										
DER100B800	80										
DER100C100	100	168	55	30	-	-	10	10	128	30	2
DER100C120	120										
DER100C150	150										
DER100C200	200										
DER100C250	250										
DER100C300	300										
DER100C400	400	188	65	60	-	-	10	10	138	30	3
DER100C500	500										
DER100C600	600										
DER100C800	800										
DER100D100	1000										
DER100D120	1200										
DER100D150	1500	188	65	90	21	48	10	10	138	30	3
DER100D200	2000										
DER100D250	2500										
DER100D300	3000										
DER100D400	4000										
DER100D500	5000										
DER100D600	6000	198	70	154	25	52	25	15	148	130	5

DER 150mV
caduta di tensione
voltage drop

CODICE ORDINAZIONE ORDER CODE	Portata Range A	A	B	C	D	E	F	G	H	I	fig.																	
DER150A100	1	90	28	20	-	-	8	-	78	-	1																	
DER150A150	1,5																											
DER150A200	2																											
DER150A250	2,5																											
DER150A300	3																											
DER150A400	4																											
DER150A500	5																											
DER150A600	6																											
DER150A800	8																											
DER150B100	10	90	28	20	-	-	8	-	78	-																		
DER150B150	15																											
DER150B200	20																											
DER150B250	25																											
DER150B300	30																											
DER150B400	40																											
DER150B500	50																											
DER150B600	60																											
DER150B800	80	225	33	25	-	-	8	-	205	-	6																	
DER150C100	100																											
DER150C120	120																											
DER150C150	150																											
DER150C200	200																											
DER150C250	250																											
DER150C300	300	270	55	30	-	-	10	10	230	30																		
DER150C400	400																											
DER150C500	500																											
DER150C600	600																											
DER150C800	800																											
DER150D100	1000										290	65	60	-	-	10	10	240	30									
DER150D120	1200																											
DER150D150	1500	290	65	90	21	48	15	10	240	60																		
DER150D200	2000																											
DER150D250	2500																			290	65	120	30	60	15	10	240	60
DER150D300	3000																											
DER150D400	4000										300	70	120	30	60	25	15	250	130									
DER150D500	5000																											
DER150D600	6000	300	70	154	25	52	25	15	250	130																		

CARATTERISTICHE TECNICHE

Corrente nominale primaria I_{np} : 1...6000A

Sovraccarico permanente: 1,2 I_{np}

Sovraccarico istantaneo: 10 I_{np} /5s (I_{pn} 1...250A)

5 I_{np} /5s (I_{pn} 300...2000A)

2 I_{np} /5s (I_{pn} 2500...6000A)

Caduta di tensione: 60 – 100 – 150mV

Precisione: cl.0,5

SPECIFICATIONS

Rated primary current I_{np} : 1...6000A

Continuous overload: 1,2 I_{np}

Instantaneous overload: 10 I_{np} /5s (I_{pn} 1...250A)

5 I_{np} /5s (I_{pn} 300...2000A)

2 I_{np} /5s (I_{pn} 2500...6000A)

Voltage drop: 60 – 100 – 150mV

Accuracy: class 0,5

CONDIZIONI AMBIENTALI

Temperatura di riferimento: 23°C

Temperatura di funzionamento: -25...60°C

Temperatura di magazzino: -40...80°C

CUSTODIA

Basetta isolante solo per codici con $Inp \leq 25A$

A corredo: 2 viti TC M5x8 DIN 84-4,3 + 2 rondelle 5,3 DIN 433 St + bulloneria fissaggio sbarra

ENVIRONMENTAL CONDITIONS

Reference temperature: 23°C

Working temperature: -25...60°C

Limit temperature range for storage: -40...80°C

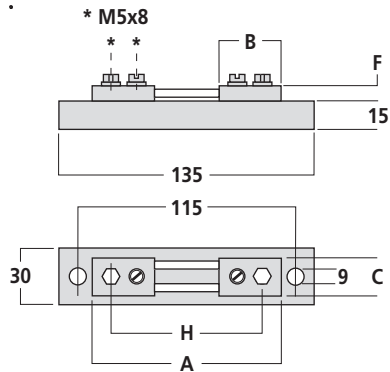
HOUSING

Insulated base supplied only for code with $Inp \leq 25A$

Complete with: 2 screws TC M5x8 DIN 84-4,3 + 2 washer 5,3 DIN 433 St + nuts to fix the shunt to the bar

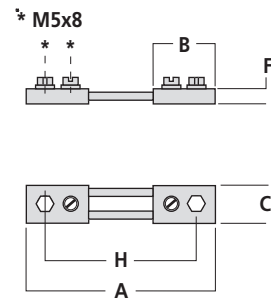
CODICE ORDINAZIONE ORDER CODE	Portata Range A	VITERIA SCREWS
DER...A100	1	4 Rondelle piane ZNB UNI 6592 Ø5 4 Viti TC Comby M5x8 Zinc. 4 Flat washers ZNB UNI 6592 Ø5 4 Studs TC Comby M5x8 Zinc.
DER...A150	1,5	
DER...A200	2	
DER...A250	2,5	
DER...A300	3	
DER...A400	4	
DER...A500	5	
DER...A600	6	
DER...A800	8	
DER...B100	10	
DER...B150	15	
DER...B200	20	
DER...B250	25	
DER...B300	30	
DER...B400	40	
DER...B500	50	
DER...B600	60	
DER...B800	80	
DER...C100	100	
DER...C120	120	
DER...C150	150	
DER...C200	200	
DER...C250	250	
DER...C300	300	
DER...C400	400	
DER...C500	500	
DER...C600	600	
DER...C800	800	
DER...D100	1000	
DER...D120	1200	
DER...D150	1500	
DER...D200	2000	
DER...D250	2500	
DER...D300	3000	
DER...D400	4000	
DER...D500	5000	
DER...D600	6000	

Fig. 1



Su basetta isolante da 1...25A

Fig. 6



Senza basetta isolante da 30...200A

Fig. 2

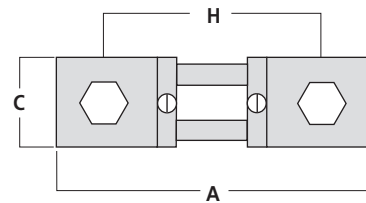
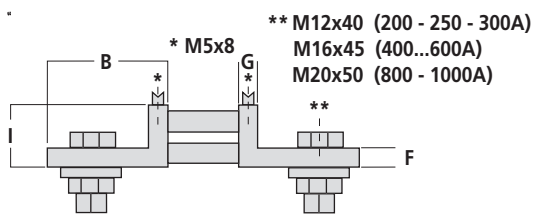


Fig. 3

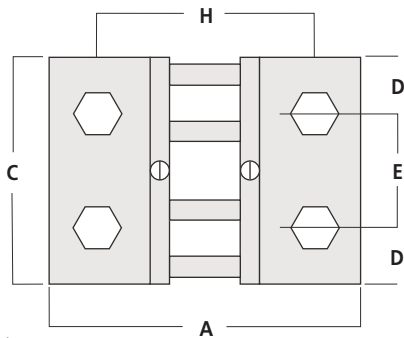
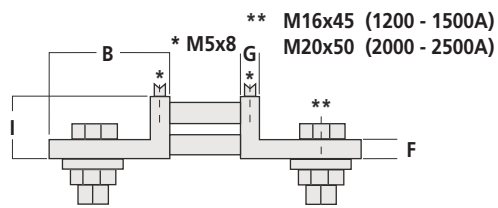


Fig. 4

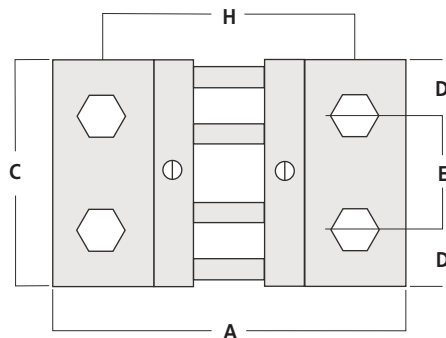
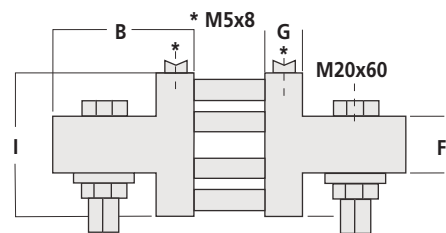


Fig. 5

