



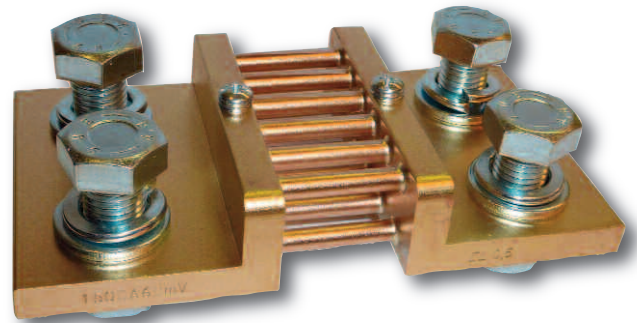
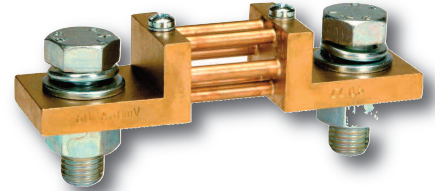
**Derivatore
per misure in
corrente continua**

**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



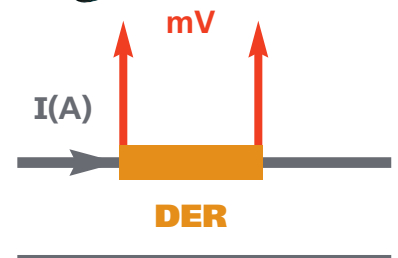
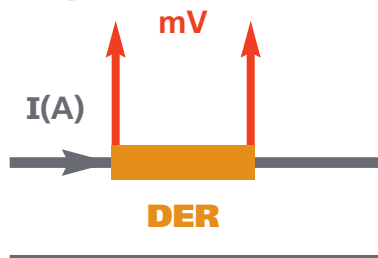
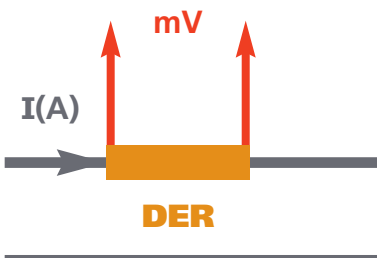
Nemo D4-Dc



**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	168	55	40	-	-	10	10	128	30	2										
DER100C500	500																				
DER100C600	600																				
DER100C800	800																				
DER100D100	1000																				
DER100D120	1200											188	65	90	21	48	10	10	138	30	3
DER100D150	1500																				
DER100D200	2000																				
DER100D250	2500																				
DER100D300	3000																				
DER100D400	4000	188	65	120	30	60	15	10	138	60	4										
DER100D500	5000																				
DER100D600	6000																				
DER100D500	5000											198	70	154	25	52	25	15	148	130	5
DER100D600	6000																				

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	90	28	20	-	-	8	-	78	-										
DER150A800	8																			
DER150B100	10																			
DER150B150	15																			
DER150B200	20																			
DER150B250	25																			
DER150B300	30	225	33	25	-	-	8	-	205	-	6									
DER150B400	40																			
DER150B500	50																			
DER150B600	60																			
DER150B800	80																			
DER150C100	100																			
DER150C120	120	270	55	30	-	-	10	10	230	30										
DER150C250	250																			
DER150C300	300																			
DER150C400	400																			
DER150C500	500																			
DER150C600	600																			
DER150C800	800	290	65	60	-	-	10	10	240	30										
DER150D100	1000																			
DER150D120	1200																			
DER150D150	1500																			
DER150D200	2000																			
DER150D250	2500																			
DER150D300	3000	300	70	120	30	60	25	15	250	130	4									
DER150D400	4000																			
DER150D500	5000																			
DER150D600	6000																			
DER150D100	1000											290	65	90	21	48	15	10	240	60
DER150D120	1200																			
DER150D150	1500																			
DER150D200	2000																			
DER150D250	2500																			
DER150D300	3000																			
DER150D400	4000	300	70	154	25	52	25	15	250	130		5								
DER150D500	5000																			
DER150D600	6000																			

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

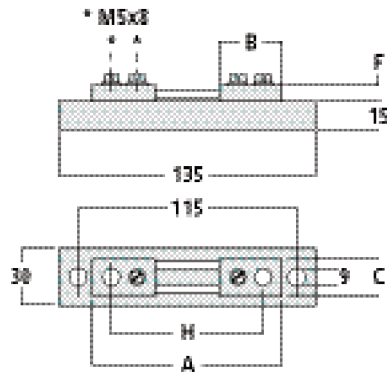
HOUSING

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

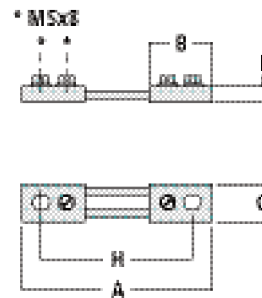
CODICE ORDINAZIONE ORDER CODE	Portata Range A	VITERIA SCREWS
DER...A100	1	4 Rondelle piane ZNB UNI 6592 Ø5 4 Viti TC Comby M5x8 Zinc. 4 Flat washers ZNB UNI 6592 Ø5 4 Studs TC Comby M5x8 Zinc.
DER...A150	1,5	
DER...A200	2	
DER...A250	2,5	
DER...A300	3	
DER...A400	4	
DER...A500	5	
DER...A600	6	
DER...A800	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	2 Viti M8x20 + rondelle e dadi 2 Viti TC Comby M5x8 Zinc.+ rondelle 2 Studs M8x20 + washers and nuts 2 Studs TC Comby M5x8 Zinc.+ washers
DER...C120	120	
DER...C150	150	
DER...C200	200	
DER...C250	250	2 Viti M12x40 + rondelle e dadi 2 Viti TC Comby M5x8 Zinc.+ rondelle 2 Studs M12x20 + washers and nuts 2 Studs TC Comby M5x8 Zinc.+ washers
DER...C300	300	
DER...C400	400	
DER...C500	500	
DER...C600	600	2 Viti M16x45 + rondelle e dadi 2 Viti TC Comby M5x8 Zinc.+ rondelle 2 Studs M16x45 + washers and nuts 2 Studs TC Comby M5x8 Zinc.+ washers
DER...C800	800	
DER...D100	1000	
DER...D120	1200	
DER...D150	1500	2 Viti M20x50 + rondelle e dadi 2 Viti TC Comby M5x8 Zinc.+ rondelle 2 Studs M20x50 + washers and nuts 2 Studs TC Comby M5x8 Zinc.+ washers
DER...D200	2000	
DER...D250	2500	
DER...D300	3000	
DER...D400	4000	4 Viti M16x45 + rondelle e dadi 2 Viti TC Comby M5x8 Zinc.+ rondelle 4 Studs M16x45 + washers and nuts 2 Studs TC Comby M5x8 Zinc.+ washers
DER...D500	5000	
DER...D600	6000	
DER...D600	6000	
DER...D500	5000	
DER...D600	6000	6 Viti M20x75 + rondelle e dadi 2 Viti TC Comby M5x8 Zinc.+ rondelle 4 Studs M20x75 + washers and nuts 2 Studs TC Comby M5x8 Zinc.+ washers
DER...D600	6000	

Fig. 1



Su basetta isolante da 1...25A

Fig. 6



Senza basetta isolante da 30...200A

Fig. 2

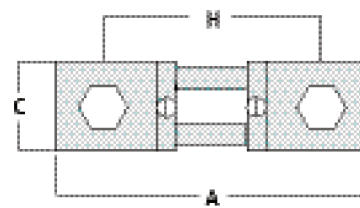
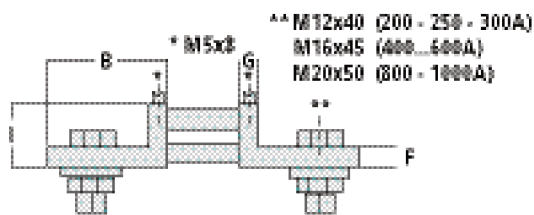


Fig. 3

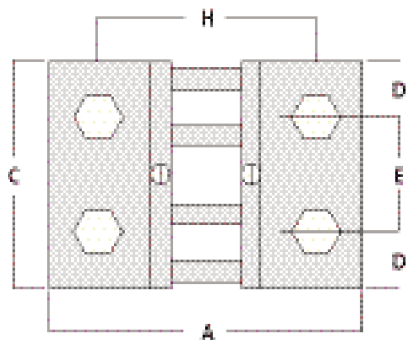
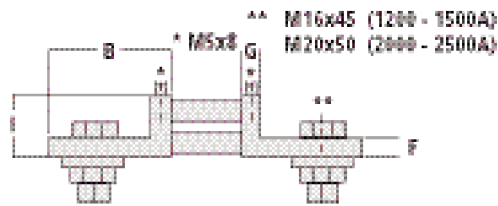


Fig. 4

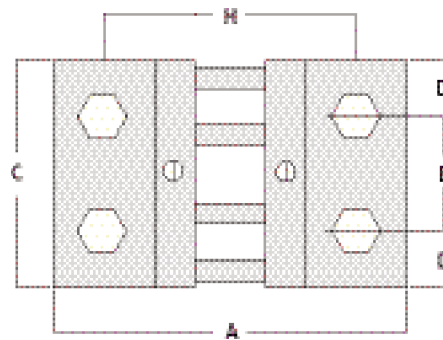
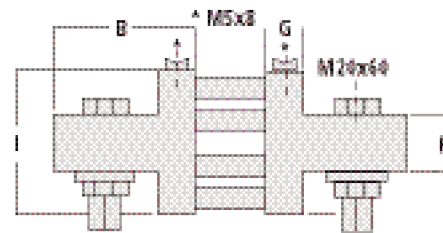


Fig. 5

