

# Current and Voltage Controls Accessories Type DER, Shunts for DC Currents



- Shunts for DC current
- In accordance with DIN-Standard

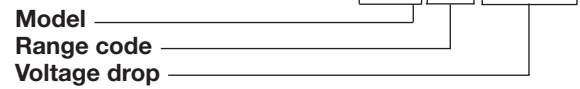


## Product Description

Shunts for DC current in accordance with DIN-standard. Ranges from 1 A to 10000 A.

## Ordering Key

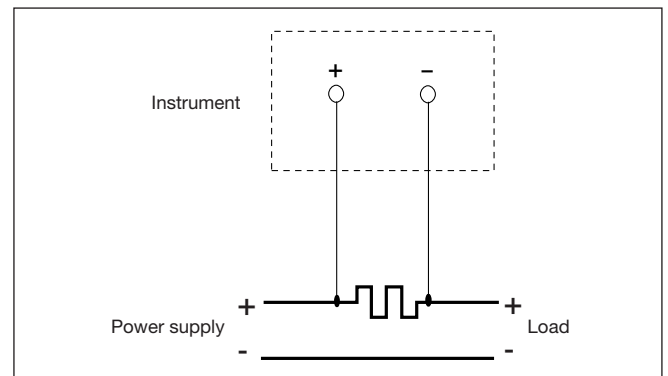
**DER 1A 60mV**



## Type Selection

Range code	Voltage drop
Refer to Range and Dimensions Table	<b>60 mV:</b> Standard <b>150 mV</b> <b>or others:</b> Special feature

## Wiring Diagram



## Input Specifications

<b>Accuracy</b>	0.5%
<b>Voltage drop</b>	60 mV (standard) 150 mV or others on request
<b>Maximum overload</b>	10 In x 5 s., up to 250 A 5 In x 5 s., 250 to 2,000 A 2 In x 5 s., 2,000 to 10,000 A

## General Specifications

<b>Construction and dimensions</b>	In accordance with DIN 43 703 standard
<b>Operating temperature</b>	-25 to + 40°C (-13°F to + 104°F)
<b>Insulated base</b>	Only for models up to 25 A
<b>Special features</b>	Connection cable of 2,5 mm <sup>2</sup> , length to be specified Voltage drop of 150 mV or others



## Range and Dimension Table

Model	In Range	Size	Dimensions (mm)									DIN Bolts	DIN Washers	DIN 934 Nuts
			a1	a2	b1	b2	b3	c1	c2	e	h			
DER 1	1 A	AS	90	28	20	-	-	8	-	78	-	M5	5.3	-
DER 1.5	1.5 A	AS	90	28	20	-	-	8	-	78	-	M5	5.3	-
DER 2.5	2.5 A	AS	90	28	20	-	-	8	-	78	-	M5	5.3	-
DER 4	4 A	AS	90	28	20	-	-	8	-	78	-	M5	5.3	-
DER 6	6 A	AS	90	28	20	-	-	8	-	78	-	M5	5.3	-
DER 10	10 A	AS	90	28	20	-	-	8	-	78	-	M5	5.3	-
DER 15	15 A	AS	90	28	20	-	-	8	-	78	-	M5	5.3	-
DER 25	25 A	AS	90	28	20	-	-	8	-	80	-	M5	5.3	-
DER 40	40 A	A	100	33	20	-	-	8	-	80	-	M8	8.4	-
DER 60	60 A	A	100	33	20	-	-	8	-	80	-	M8	8.4	-
DER 100	100 A	A	100	33	20	-	-	8	-	80	-	M8	8.4	-
DER 150	150 A	A	100	33	20	-	-	8	-	80	-	M8	8.4	-
DER 250	250 A	B	145	55	30	15	-	10	10	105	30	M12	13.5	M12
DER 400	400 A	B	145	55	40	20	-	10	10	105	30	M16	17	M16
DER 600	600 A	B	145	55	40	20	-	10	10	105	30	M16	17	M16
DER 1000	1000 A	B	165	65	60	30	-	10	10	115	30	M20	21	M20
DER 1500	1500 A	B	165	65	90	21	48	10	10	115	30	M16	17	M16
DER 2500	2500 A	B	165	65	120	30	60	10	10	115	30	M20	21	M20
DER 4000	4000 A	C	165	65	120	30	60	15	10	115	60	M20	21	M20
DER 6000	6000 A	C	175	70	154	25	52	25	15	125	130	M20	21	M20
DER 10000	10000 A	C	185	75	206	25	52	30	20	135	170	M20	21	M20

## Dimensions

