

ATX™ D Series AC Ammeter

Flameproof

ATEX/IECEX:
Zone 1 and 2 – 21 and 22
II 2 GD
IP66 – IK10

Appleton®

CONTROLS: ATEX/IECEX FLAMEPROOF CONTROL STATIONS AND RELAYS

48 mm x 48 mm (1.89" x 1.89") — Connection on Current Transformer — Deflection 90° — Class 1.5 — Round Barrel

Description/Function	Weight kg (lb)	Volume dm ³ (in ³)	Catalog Number
Rail Mounted			
1A C.T. 3 x F.L.C. with 0-1-3 Scale	0.1 (0.22)	0.4 (24.4)	DMA1348R
1A C.T. 5 x F.L.C. with 0-1-5 Scale	0.1 (0.22)	0.4 (24.4)	DMA1548R
1A C.T. 6 x F.L.C. with 0-1-6 Scale	0.1 (0.22)	0.4 (24.4)	DMA1648R
5A C.T. 3 x F.L.C. with 0-1-3 Scale	0.1 (0.22)	0.4 (24.4)	DMA5348R
5A C.T. 5 x F.L.C. with 0-1-5 Scale	0.1 (0.22)	0.4 (24.4)	DMA5548R
5A C.T. 6 x F.L.C. with 0-1-6 Scale	0.1 (0.22)	0.4 (24.4)	DMA5648R
Panel Mounted			
1A C.T. 3 x F.L.C. with 0-1-3 Scale	0.1 (0.22)	0.4 (24.4)	DMA1348P
1A C.T. 5 x F.L.C. with 0-1-5 Scale	0.1 (0.22)	0.4 (24.4)	DMA1548P
1A C.T. 6 x F.L.C. with 0-1-6 Scale	0.1 (0.22)	0.4 (24.4)	DMA1648P
5A C.T. 3 x F.L.C. with 0-1-3 Scale	0.1 (0.22)	0.4 (24.4)	DMA5348P
5A C.T. 5 x F.L.C. with 0-1-5 Scale	0.1 (0.22)	0.4 (24.4)	DMA5548P
5A C.T. 6 x F.L.C. with 0-1-6 Scale	0.1 (0.22)	0.4 (24.4)	DMA5648P
AC Ammeter Accessory			
Red Adjustable Index			DM48A



Interchangeable Dials for Above Ammeter

Scale	Number	Catalog Number	Scale	Number	Catalog Number	Scale	Number	Catalog Number
For 1 A Current Transformer 3 x F.L.C.			For 1 A Current Transformer 6 x F.L.C.			For 5 A Current Transformer 5 x F.L.C.		
0 - 5 - 15	A	DA135	0 - 5 - 30	A	DA165	0 - 5 - 25	A	DA555
0 - 10 - 30	A	DA1310	0 - 10 - 60	A	DA1610	0 - 10 - 50	A	DA5510
0 - 15 - 45	A	DA1315	0 - 15 - 90	A	DA1615	0 - 15 - 75	A	DA5515
0 - 20 - 60	A	DA1320	0 - 20 - 120	A	DA1620	0 - 20 - 100	A	DA5520
0 - 30 - 90	A	DA1330	0 - 30 - 180	A	DA1630	0 - 30 - 150	A	DA5530
0 - 40 - 120	A	DA1340	0 - 40 - 240	A	DA1640	0 - 40 - 200	A	DA5540
0 - 50 - 150	A	DA1350	0 - 50 - 300	A	DA1650	0 - 50 - 250	A	DA5550
0 - 60 - 180	A	DA1360	0 - 60 - 360	A	DA1660	0 - 60 - 300	A	DA5560
0 - 75 - 225	A	DA1375	0 - 75 - 450	A	DA1675	0 - 75 - 375	A	DA5575
0 - 100 - 300	A	DA13100	0 - 100 - 600	A	DA16100	0 - 100 - 500	A	DA55100
0 - 125 - 375	A	DA13125	0 - 125 - 750	A	DA16125	0 - 125 - 625	A	DA55125
0 - 150 - 450	A	DA13150	0 - 150 - 900	A	DA16150	0 - 150 - 750	A	DA55150
0 - 200 - 600	A	DA13200	0 - 200 - 1200	A	DA16200	0 - 200 - 1000	A	DA55200
0 - 250 - 750	A	DA13250	0 - 250 - 1500	A	DA16250	0 - 250 - 1250	A	DA55250
For 1 A Current Transformer 5 x F.L.C.			For 5 A Current Transformer 3 x F.L.C.			For 5 A Current Transformer 6 x F.L.C.		
0 - 5 - 25	A	DA155	0 - 5 - 15	A	DA535	0 - 5 - 30	A	DA565
0 - 10 - 50	A	DA1510	0 - 10 - 30	A	DA5310	0 - 10 - 60	A	DA5610
0 - 15 - 75	A	DA1515	0 - 15 - 45	A	DA5315	0 - 15 - 90	A	DA5615
0 - 20 - 100	A	DA1520	0 - 20 - 60	A	DA5320	0 - 20 - 120	A	DA5620
0 - 30 - 150	A	DA1530	0 - 30 - 90	A	DA5330	0 - 30 - 180	A	DA5630
0 - 40 - 200	A	DA1540	0 - 40 - 120	A	DA5340	0 - 40 - 240	A	DA5640
0 - 50 - 250	A	DA1550	0 - 50 - 150	A	DA5350	0 - 50 - 300	A	DA5650
0 - 60 - 300	A	DA1560	0 - 60 - 180	A	DA5360	0 - 60 - 360	A	DA5660
0 - 75 - 375	A	DA1575	0 - 75 - 225	A	DA5375	0 - 75 - 450	A	DA5675
0 - 100 - 500	A	DA15100	0 - 100 - 300	A	DA53100	0 - 100 - 600	A	DA56100
0 - 125 - 625	A	DA15125	0 - 125 - 375	A	DA53125	0 - 125 - 750	A	DA56125
0 - 150 - 750	A	DA15150	0 - 150 - 450	A	DA53150	0 - 150 - 900	A	DA56150
0 - 200 - 1000	A	DA15200	0 - 200 - 600	A	DA53200	0 - 200 - 1200	A	DA56200
0 - 250 - 1250	A	DA15250	0 - 250 - 750	A	DA53250	0 - 250 - 1500	A	DA56250

ATX™ V Series AC Ammeters

Components for Increased Safety Enclosures

ATEX:
Zone 1 and 2
II 2 G

Applications

- Suitable for use with certified Ex e enclosures for control equipment in industrial processes.

Features

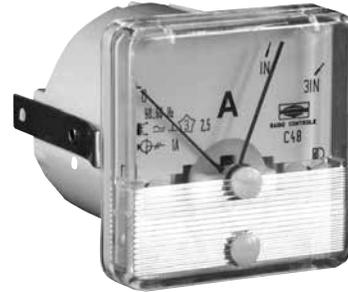
- DIN rail mounted (TS35) and panel mounted versions.

Technical Data

- Rated Voltage: 500 V
- Frequency: 25 to 100 Hz
- Consumption: 0.7 VA
- Permanent overload: 1.2 In
- Instantaneous overload: 10 In/5s
- Terminal connections: M5 Terminals for lugs

ATEX Certifications and Compliances

- Certification Type C48D
 - Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: II 2 G
 - Type of Protection: Ex em II
- Dust: Zone 21 and 22
 - Conforming to ATEX 94/9/CE:
 - Type of Protection: Authorized to be used with an approved dustproof enclosure
- Service Temperature: -25 °C to +55 °C (-13 °F to +131 °F)
- Declaration of Conformity: 5C215
- ATEX Certificate: LCIE 02 ATEX 0006U



AC Ammeter

AC Ammeter — 48 mm x 48 mm (1.89" x 1.89")

Connection on current transformer — Deflection 90° — Red adjustable index — Accuracy class 1.5 — Round barrel

Description	Weight kg (lb)	Volume dm ³ (in ³)	Catalog Number
Rail Mounted			
1A C.T. 3 x F.L.C. with 0-1-3 Scale	0.1 (0.22)	0.4 (24.4)	VA1348R
1A C.T. 5 x F.L.C. with 0-1-5 Scale	0.1 (0.22)	0.4 (24.4)	VA1548R
1A C.T. 6 x F.L.C. with 0-1-6 Scale	0.1 (0.22)	0.4 (24.4)	VA1648R
5A C.T. 3 x F.L.C. with 0-1-3 Scale	0.1 (0.22)	0.4 (24.4)	VA5348R
5A C.T. 5 x F.L.C. with 0-1-5 Scale	0.1 (0.22)	0.4 (24.4)	VA5548R
5A C.T. 6 x F.L.C. with 0-1-6 Scale	0.1 (0.22)	0.4 (24.4)	VA5648R
Panel Mounted			
1A C.T. 3 x F.L.C. with 0-1-3 Scale	0.1 (0.22)	0.4 (24.4)	VA1348P
1A C.T. 5 x F.L.C. with 0-1-5 Scale	0.1 (0.22)	0.4 (24.4)	VA1548P
1A C.T. 6 x F.L.C. with 0-1-6 Scale	0.1 (0.22)	0.4 (24.4)	VA1648P
5A C.T. 3 x F.L.C. with 0-1-3 Scale	0.1 (0.22)	0.4 (24.4)	VA5348P
5A C.T. 5 x F.L.C. with 0-1-5 Scale	0.1 (0.22)	0.4 (24.4)	VA5548P
5A C.T. 6 x F.L.C. with 0-1-6 Scale	0.1 (0.22)	0.4 (24.4)	VA5648P
Window for Ammeter 48 mm x 48 mm (1.89" x 1.89")	0.1 (0.22)	0.4 (24.4)	VAW48

ATX™ V Series AC Ammeters

Components for Increased Safety Enclosures

ATEX:
Zone 1 and 2
II 2 G

Interchangeable Dials for V Series AC Ammeter

Scale			Catalog Number		
1 A Current Transformer 3 x F.L.C.					
0	-	5	-	15	A DA135
0	-	10	-	30	A DA1310
0	-	15	-	45	A DA1315
0	-	20	-	60	A DA1320
0	-	30	-	90	A DA1330
0	-	40	-	120	A DA1340
0	-	50	-	150	A DA1350
0	-	60	-	180	A DA1360
0	-	75	-	225	A DA1375
0	-	100	-	300	A DA13100
0	-	125	-	375	A DA13125
0	-	150	-	450	A DA13150
0	-	200	-	600	A DA13200
0	-	250	-	750	A DA13250
1 A Current Transformer 5 x F.L.C.					
0	-	5	-	25	A DA155
0	-	10	-	50	A DA1510
0	-	15	-	75	A DA1515
0	-	20	-	100	A DA1520
0	-	30	-	150	A DA1530
0	-	40	-	200	A DA1540
0	-	50	-	250	A DA1550
0	-	60	-	300	A DA1560
0	-	75	-	375	A DA1575
0	-	100	-	500	A DA15100
0	-	125	-	625	A DA15125
0	-	150	-	750	A DA15150
0	-	200	-	1000	A DA15200
0	-	250	-	1250	A DA15250
1 A Current Transformer 6 x F.L.C.					
0	-	5	-	30	A DA165
0	-	10	-	60	A DA1610
0	-	15	-	90	A DA1615
0	-	20	-	120	A DA1620
0	-	30	-	180	A DA1630
0	-	40	-	240	A DA1640
0	-	50	-	300	A DA1650
0	-	60	-	360	A DA1660
0	-	75	-	450	A DA1675
0	-	100	-	600	A DA16100
0	-	125	-	750	A DA16125
0	-	150	-	900	A DA16150
0	-	200	-	1200	A DA16200
0	-	250	-	1500	A DA16250

Scale			Catalog Number		
5 A Current Transformer 3 x F.L.C.					
0	-	5	-	15	A DA535
0	-	10	-	30	A DA5310
0	-	15	-	45	A DA5315
0	-	20	-	60	A DA5320
0	-	30	-	90	A DA5330
0	-	40	-	120	A DA5340
0	-	50	-	150	A DA5350
0	-	60	-	180	A DA5360
0	-	75	-	225	A DA5375
0	-	100	-	300	A DA53100
0	-	125	-	375	A DA53125
0	-	150	-	450	A DA53150
0	-	200	-	600	A DA53200
0	-	250	-	750	A DA53250
5 A Current Transformer 5 x F.L.C.					
0	-	5	-	25	A DA555
0	-	10	-	50	A DA5510
0	-	15	-	75	A DA5515
0	-	20	-	100	A DA5520
0	-	30	-	150	A DA5530
0	-	40	-	200	A DA5540
0	-	50	-	250	A DA5550
0	-	60	-	300	A DA5560
0	-	75	-	375	A DA5575
0	-	100	-	500	A DA55100
0	-	125	-	625	A DA55125
0	-	150	-	750	A DA55150
0	-	200	-	1000	A DA55200
0	-	250	-	1250	A DA55250
5 A Current Transformer 6 x F.L.C.					
0	-	5	-	30	A DA565
0	-	10	-	60	A DA5610
0	-	15	-	90	A DA5615
0	-	20	-	120	A DA5620
0	-	30	-	180	A DA5630
0	-	40	-	240	A DA5640
0	-	50	-	300	A DA5650
0	-	60	-	360	A DA5660
0	-	75	-	450	A DA5675
0	-	100	-	600	A DA56100
0	-	125	-	750	A DA56125
0	-	150	-	900	A DA56150
0	-	200	-	1200	A DA56200
0	-	250	-	1500	A DA56250

Dimensions in Millimeters (Inches) and Drilling Information

