



BULBS



TYPE B11



Type B 11

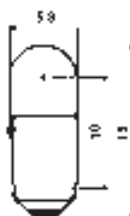
Filling



B A T 1

	Volt	Watt 1
STANDARD OFF ROAD		
REF 115TA4600	12	2
E-APPROVED ON ROAD		
REF 106TA4839	6	0,6
REF 123TA8015	12	2
REF 103TA4560	24	3
REF 119TA8911	48	2
REF 103TA4561	60	1,2

TYPE B12



Type B 12

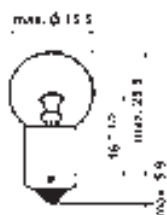
Filling



B A S 7 s

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4563	12	1

TYPE B21



Type B 21

Filling



B A S 1

	Volt	Watt 1
STANDARD OFF ROAD		
REF 122TA9114	12	3,4
REF 103TA4567	12	8
REF 103TA4569	24	5
E-APPROVED ON ROAD		
REF 103TA4564	6	5
REF 103TA4565	12	3
REF 103TA4566	12	6
REF 122TA9115	12	7,5
REF 103TA4568	24	4
REF 119TA8912	48	2,5

TYPE B22



Type B 22

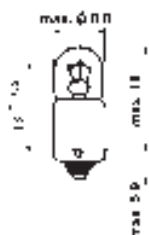
Filling



B A S 1

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4571	12	3
REF 103TA4572	12	4
REF 106TA4840	24	4
REF 106TA4841	130	2,6

TYPE B23



Type - B 23

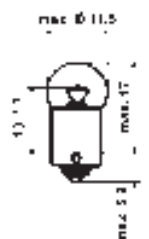
Fitting



B A P 3

	Volt	Watt 1
STANDARD OFF ROAD		
REF 106TA4844	48	2
REF 106TA4843	48	2,5
E-APPROVED ON ROAD		
REF 103TA4573	6	2
REF 103TA4574	12	2
REF 119TA8913	12	3
REF 103TA4575	12	4
REF 115TA4601	12	5
REF 103TA4576	24	2
REF 103TA4577	24	4
REF 123TA7978	48	2
REF 123TA7979	48	2,5
REF 119TA8914	80	1,6

TYPE B24



Type - B 24

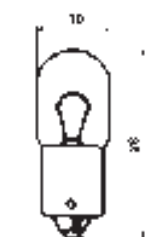
Fitting



B A P 3

	Volt	Watt 1
STANDARD OFF ROAD		
REF 106TA4845	12	1,5
REF 103TA4578	12	3,4
REF 106TA4847	24	3
E-APPROVED ON ROAD		
REF 106TA4846	12	3
REF 123TA7980	24	3
REF 106TA4848	24	5

TYPE B25



Type - B 25

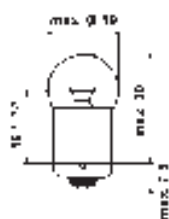
Fitting



B A P 3

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4582	48	5
E-APPROVED ON ROAD		
REF 122TA9116	12	4
REF 122TA9117	12	5
REF 122TA9118	24	2
REF 103TA4580	24	3
REF 106TA4849	24	5
REF 119TA8915	48	4
REF 123TA7981	48	5
REF 106TA4850	80	3,2

TYPE B31



Type B 31

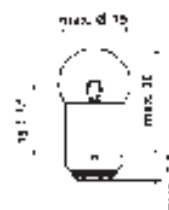
Fitting



BA15 s

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4585	12	5
REF 103TA4586	12	10
REF 106TA4854	24	10
REF 103TA4590	48	10
E-APPROVED ON ROAD		
REF 103TA4584	6	5
REF 122TA9119	12	3
REF 123TA7982	12	5
REF 123TA7983	12	10
REF 106TA4853	12	15
REF 103TA4587	24	5
REF 123TA7984	24	10
REF 106TA4856	36	10
REF 103TA4589	48	8
REF 123TA7985	48	10

TYPE B32



Type- B 32

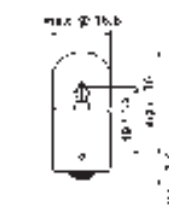
Fitting



BA15 d

	Volt	Watt 1
STANDARD OFF ROAD		
REF 106TA4859	48	8
E-APPROVED ON ROAD		
REF 119TA8916	6	10
REF 103TA4593	12	5
REF 123TA8034	12	10
REF 103TA4595	24	5
REF 106TA4857	24	10
REF 119TA8917	48	10

TYPE B33



Type- B 33

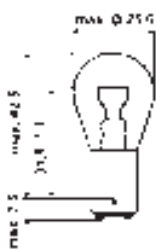
Fitting



BA15 s

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 115TA4603	6	5
REF 115TA4602	12	5
REF 103TA4596	12	10
REF 103TA4597	24	5
REF 106TA4860	24	10

TYPE B43



Type: B 43

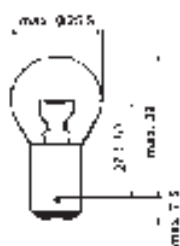
Fitting



BA15 d

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4610	12	10
REF 122TA9128	12	23
REF 115TA4604	40	15
REF 119TA8919	48	10
E-APPROVED ON ROAD		
REF 103TA4611	12	21
REF 115TA4605	12	25
REF 103TA4613	24	21
REF 103TA4614	48	25

TYPE B44



Type: B 44

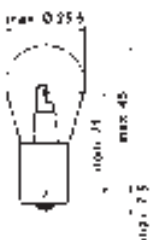
Fitting



BA15 d

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4615	6	5
REF 106TA4869	24	21

TYPE B45



Type: B 45

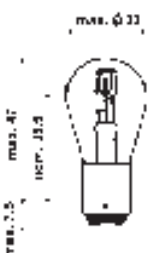
Fitting



BA15 s

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 119TA8920	6	21
REF 119TA8921	12	18
REF 119TA8922	24	18
REF 106TA4872	24	21

TYPE B51



Type: B 51

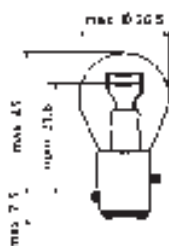
Fitting



BA15 d

	Volt	Watt 1	Watt 2
E-APPROVED ON ROAD			
REF 103TA4619	6	35	35

TYPE B53



Type: B 53

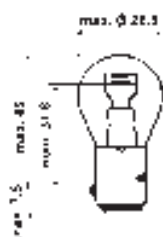
Fitting



BAY15 d

	Volt	Watt 1	Watt 2
STANDARD OFF ROAD			
REF 103TA4621	12	21	5
REF 106TA4874	12	23	8
REF 106TA4875	24	21	5
REF 103TA4623	24	25	10
REF 106TA4876	36	25	10
REF 106TA4877	48	25	10
REF 106TA4878	60	25	10
E-APPROVED ON ROAD			
REF 123TA7988	12	21	5
REF 123TA7989	24	21	5
REF 123TA7990	48	25	10
REF 123TA7991	60	25	10
REF 119TA8923	80	10	5

TYPE B54



Type: B 54

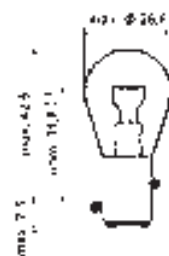
Fitting



BAY15 d

	Volt	Watt 1	Watt 2
E-APPROVED ON ROAD			
REF 103TA4624	12	21	4

TYPE B55



Type: B 55

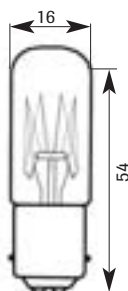
Fitting



BAY15 d

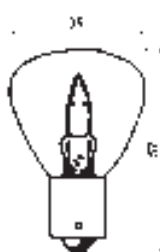
	Volt	Watt 1
STANDARD OFF ROAD		
REF 122TA9129	12	23
REF 106TA4879	24	25
REF 106TA4881	36	25
REF 103TA4625	48	25
REF 106TA4882	56	25
E-APPROVED ON ROAD		
REF 119TA8924	48	10
REF 123TA7992	48	25
REF 115TA4606	48	40

TYPE B56



	Volt	Watt 1
E-APPROVED ON ROAD		
REF 122TA9130	24	5

TYPE B61



	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4626	12	35
REF 103TA4628	12	45
REF 103TA4631	24	40
REF 106TA4884	24	60
REF 103TA4632	48	45
REF 103TA4633	80	25
E-APPROVED ON ROAD		
REF 123TA7993	12	45
REF 103TA4630	24	35
REF 106TA4883	24	45
REF 123TA7994	24	60

TYPE B62



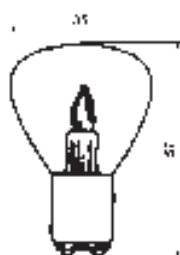
	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4634	48	35
E-APPROVED ON ROAD		
REF 106TA4902	48	40
(dia. 45 x height 75mm)		

TYPE B63



	Volt	Watt 1	Watt 2
STANDARD OFF ROAD			
REF 106TA4885	12	40	30
REF 103TA4635	24	60	60

TYPE B64



Type: B 64

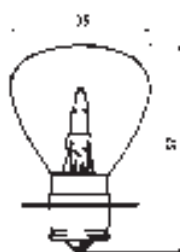
Filling



P15 d

	Volt	Watt 1
STANDARD OFF ROAD		
REF 119TA8926	24	40
REF 111TA2799	36	40
REF 103TA4636	48	40
REF 103TA4637	56	40

TYPE B65



Type: B 65

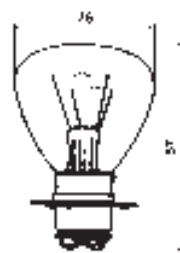
Filling



P15 s

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4638	12	35
REF 103TA4639	24	35
REF 106TA4899	24	40

TYPE B66



Type: B 66

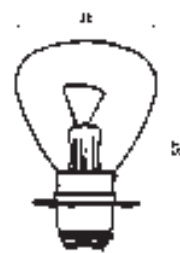
Filling



P15 d

	Volt	Watt 1	Watt 2
STANDARD OFF ROAD			
REF 103TA4641	12	35	35
REF 106TA4886	24	40	30
REF 106TA4887	24	62	62

TYPE B67



Type: B 67

Filling



P15 d

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4643	12	45
REF 103TA4644	24	35
REF 122TA9131	36	30
REF 103TA4646	48	25
REF 103TA4647	48	45
E-APPROVED ON ROAD		
REF 123TA7995	48	25
REF 123TA7996	48	45

TYPE B71



Type: B 71

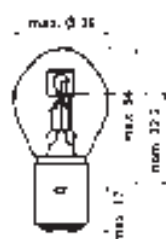
Fitting



B71d-4

	Volt	Watt 1	Watt 2
E-APPROVED ON ROAD			
REF 119TA8927	12	35	35

TYPE B81



Type: B 81

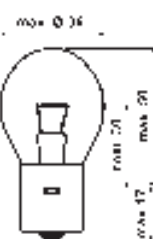
Fitting



B81d-4

	Volt	Watt 1	Watt 2
STANDARD OFF ROAD			
REF 103TA4651	12	35	35
E-APPROVED ON ROAD			
REF 122TA9132	6	15	15
REF 122TA9133	6	25	25
REF 122TA9134	6	35	35
REF 103TA4649	6	45	40
REF 123TA7997	12	35	35
REF 103TA4652	12	45	40
REF 103TA4653	24	45	40
REF 103TA4654	24	50	45

TYPE B82



Type: B 82

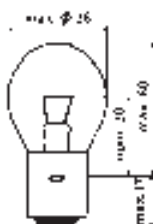
Fitting



B82d-5

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4659	12	35
REF 103TA4662	24	35
REF 103TA4664	36	35
REF 103TA4665	48	35
REF 103TA4666	80	35
E-APPROVED ON ROAD		
REF 103TA4657	6	35
REF 103TA4658	6	45
REF 123TA7998	12	35
REF 103TA4661	12	45
REF 123TA7999	24	35
REF 103TA4663	24	45
REF 123TA8000	48	35
REF 123TA8001	80	35

TYPE B83



Type: B 83

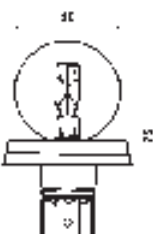
Fitting



BA20 d

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 106TA4889	24	15
REF 122TA9135	24	25
REF 103TA4669	80	25

TYPE B87



Type: B 87

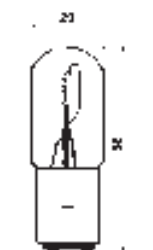
Fitting



P45 f

	Volt	Watt 1	Watt 2
E-APPROVED ON ROAD			
REF 103TA4670	12	45	40
REF 103TA4671	24	55	50

TYPE B88



Type: B 88

Fitting



BA20 d

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 106TA4890	80	10

TYPE B91



Type: B 91

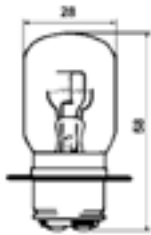
Fitting



P22 s

	Volt	Watt 1
STANDARD OFF ROAD		
REF 106TA4891	12	50
E-APPROVED ON ROAD		
REF 123TA8002	12	50

TYPE B92



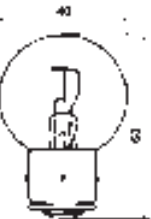
	Volt	Watt 1	Watt 2
STANDARD OFF ROAD			
REF 122TA9136	12	50	40
REF 106TA4892	24	45	40

TYPE B93



	Volt	Watt 1
STANDARD OFF ROAD		
REF 106TA4893	12	38
REF 122TA9137	24	44

TYPE B94



	Volt	Watt 1
E-APPROVED ON ROAD		
REF 106TA4894	12	45

TYPE E01



	Volt	Watt 1
E-APPROVED ON ROAD		
REF 106TA4835	24	5

TYPE E02



Type: E 02

Fitting



E 10

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4545	30	2
REF 103TA4546	55	2
REF 106TA4837	60	3
E-APPROVED ON ROAD		
REF 106TA4905	12	1,2
REF 122TA9138	24	1
REF 106TA4836	24	1,2
REF 103TA4544	24	2
REF 123TA8003	30	2
REF 122TA9139	48	3
REF 123TA8004	60	3
REF 122TA9140	80	2
REF 119TA8928	80	3,2

TYPE E03



Type: E 03

Fitting



E 10

	Volt	Watt 1
STANDARD OFF ROAD		
REF 122TA9141	12	2,2
E-APPROVED ON ROAD		
REF 106TA4838	12	3
REF 115TA4608	24	3

TYPE E21



Type: E 21

Fitting



EP 10

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4547	12	2,4

TYPE E31



Type: E 31

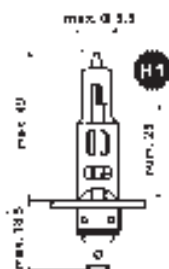
Fitting



E 14

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4548	12	1,44
REF 119TA8929	12	2
REF 122TA9142	12	3
REF 122TA9143	24	2

TYPE H11



Type: H 11

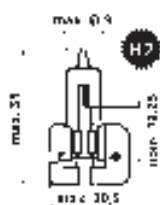
Fitting



P1 Ø 5.1

	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4519	12	55
REF 103TA4520	24	70
E-APPROVED ON ROAD		
REF 123TA8005	12	55
REF 103TA4521	12	100
REF 119TA8930	24	55
REF 123TA8006	24	70

TYPE H21



Type: H 21

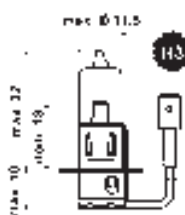
Fitting



X 5.11

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4522	12	55
REF 103TA4523	24	70

TYPE H31



Type: H 31

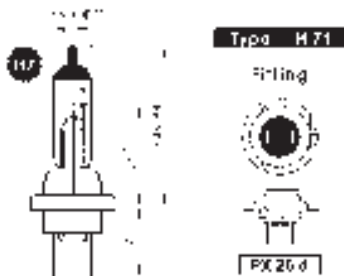
Fitting



PK22.5

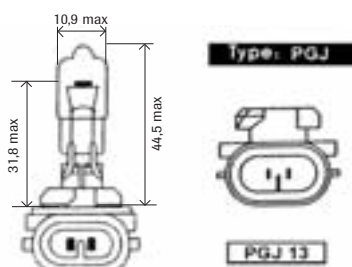
	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4524	12	35
REF 103TA4525	12	55
REF 119TA8933	24	55
REF 119TA8934	24	65
REF 103TA4526	24	70
REF 103TA4673	36	45
REF 103TA4674	48	45
REF 106TA4903	48	60
E-APPROVED ON ROAD		
REF 119TA8931	6	25
REF 119TA8932	6	55
REF 123TA8007	12	55
REF 123TA8008	24	70
REF 123TA8009	36	45
REF 123TA8010	48	45
REF 123TA8011	48	60
REF 103TA4675	80	55

TYPE H71



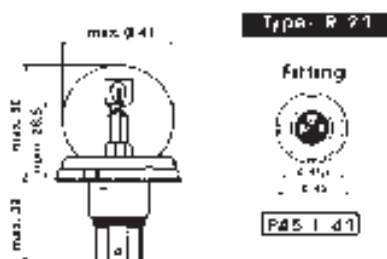
	Volt	Watt 1
E-APPROVED ON ROAD		
REF 106TA4908	12	55
REF 106TA4909	24	70

TYPE PGJ



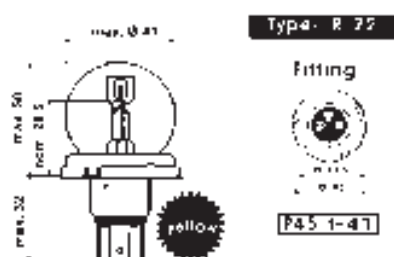
	Volt	Watt 1
STANDARD OFF ROAD		
REF 122TA9144	12	27
REF 122TA9145	12	37,5
REF 122TA9146	12	50

TYPE R21



	Volt	Watt 1	Watt 2
E-APPROVED ON ROAD			
REF 106TA4826	12	45	40
REF 106TA4827	24	55	50

TYPE R22



	Volt	Watt 1	Watt 2
E-APPROVED ON ROAD			
REF 106TA4828	12	45	40
REF 103TA4532	24	55	50

TYPE S11



Type: S 11

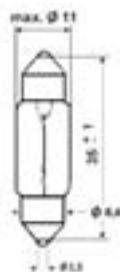
Fitting



5V 7-8

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4533	12	3
REF 103TA4534	12	5
REF 103TA4535	24	3
REF 103TA4536	24	5
REF 122TA9147	48	3
REF 122TA9148	48	5

TYPE S21



Type: S 21

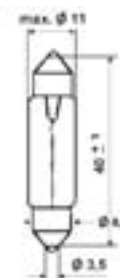
Fitting



5V 8.5-8

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4537	12	5
REF 103TA4538	12	10
REF 103TA4539	24	5
REF 106TA4829	24	10
REF 119TA8936	48	5

TYPE S22



Type: S 22

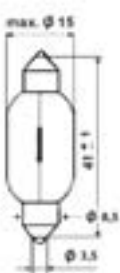
Fitting



5V 8.5-8

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 106TA4830	12	5
REF 106TA4831	12	10
REF 103TA4540	24	5
REF 106TA4907	24	10
REF 119TA8937	48	5

TYPE S23



Type: S 23

Fitting



5V 8.5-8

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 106TA4832	12	15
REF 103TA4541	12	18
REF 106TA4896	12	21
REF 122TA9149	24	15
REF 106TA4833	24	18
REF 119TA8938	24	21
REF 122TA9150	48	10

TYPE W1



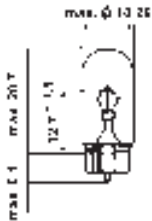
Type- W 1

Fitting



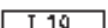
	Volt	Watt 1
STANDARD OFF ROAD		
REF 103TA4549	12	1,2
REF 103TA4552	12	3
E-APPROVED ON ROAD		
REF 103TA4550	12	1
REF 123TA8014	12	1,2
REF 103TA4551	12	2
REF 122TA9151	24	1
REF 103TA4553	24	1,2
REF 122TA9152	24	2

TYPE W2



Type- W 2

Fitting



	Volt	Watt 1
E-APPROVED ON ROAD		
REF 123TA8035	12	2
REF 103TA4554	12	3
REF 103TA4555	12	5
REF 103TA4556	24	3
REF 103TA4557	24	5

TYPE W3



Type- W 3

Fitting

Rigid Loop

	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4558	12	10

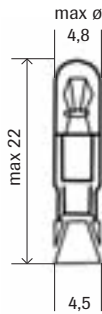
TYPE W4



Type- W 4

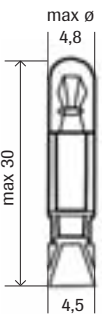
	Volt	Watt 1
E-APPROVED ON ROAD		
REF 103TA4559	48	1,2

TYPE W5



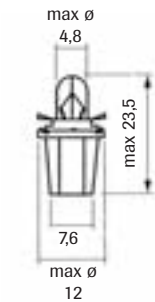
	Volt	Watt 1
E-APPROVED ON ROAD		
REF 122TA9153	48	1,2
REF 122TA9165	48	1,44

TYPE W6



	Volt	Watt 1
E-APPROVED ON ROAD		
REF 122TA9166	48	1,2
REF 122TA9167	48	1,44

TYPE W7



	Volt	Watt 1
E-APPROVED ON ROAD		
REF 122TA9154	12	1,2
REF 122TA9155	12	2
REF 122TA9156	24	1,2



NOTES

NOTES

Lined area for notes, featuring horizontal orange lines and a large, faint, diagonal watermark reading "TOTAL SOURCE".



HOUR METER

Hour meter: Ø 52 mm
Quartz
Top quality

Voltage	REF
12 - 72 V	106TA1473
30 - 90 V (Cat.)	106TA1474
36 - 96 V	106TA1475
12 - 60 VDC	112TA4855
10 - 50 V	112TA4856



HOUR METER

Hour meter:
Quartz

Voltage	REF
12 - 80 V Ø 52 mm	106TA1471
12 - 80 V Ø 60 mm	106TA1472



HOUR METER

Hour meter:
Quartz

Voltage	REF
12 - 80 V Ø 52 mm	107TA1207
12 - 80 V Ø 60 mm	105TA4579

Very easy to fit



HOUR METER

Hour meter: Ø 52 mm
Quartz

Voltage	REF
12 - 72 V	106TA1469



HOUR METER

Hour meter
Quartz

Voltage	REF
12 - 50 V	105TA4580
10 - 32 V	112TA4854
10 - 80 V	123TA7746



HOUR METER

Hour meter: Ø 52 mm
Quartz

Voltage	REF
12 - 80 V Ø 52 mm	106TA1480
12 - 80 V Ø 60 mm	107TA1210



HOUR METER

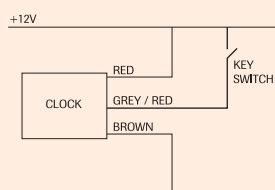
Connector free hour meter
Works on vibration

	REF
Ø 52mm	
Vertical attachment	106TA1479
Horizontal attachment	105TA4581
Ø 60mm	
Vertical attachment	123TA7747
Horizontal attachment	123TA7748



DIGITAL CLOCK

12V digital clock
24h display
Dimensions 68 x 35 x 62
3 wire connection + / - / contact



REF
123TA9106

**NEW IN
PROGRAM**

**HOURLY METER DIGITAL**

Digital hour meter
 Ø 52mm - 2 1/16"
 99999,9 Hours

Voltage	REF
9 - 32 V	123TA7749
36 - 86 V	123TA7750

**HOURLY METER DIGITAL**

Hour meter
 LCD-display

Voltage	REF
12 - 48 VDC	116TA5950
12 - 150 VDC	116TA5949
24 - 240 VAC	

PROTECTION COVER**REF 107TA1091**

Protection cover (adhesive)
 fits on all indicators - diameter 52 mm

ADAPTOR RING**REF 106TA1178**

Diameter 52 mm → 60 mm

ADAPTOR RING**REF 106TA1179**

Diameter 52 mm → 72 mm

DASHBOARD BLANK**REF 107TA1090**

Blank for 52 mm hole

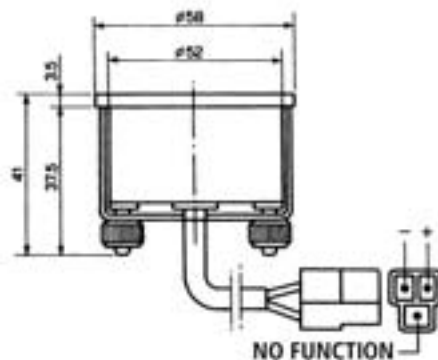
REF 123TA7752

Blank for 60 mm hole

BATTERY DISCHARGE INDICATOR

- Without lock-out
- Ø 52 mm

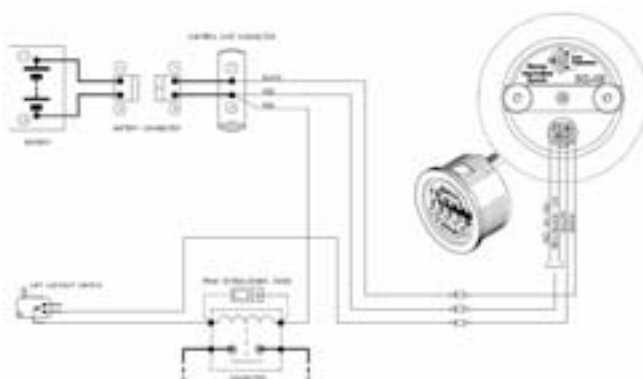
Voltage	REF
12 V	106TA6742
24 V	106TA1101
36 V	106TA1102
48 V	105TA4584
72 V	106TA1103
80 V	106TA1104



BATTERY DISCHARGE INDICATOR

- With lock-out
- Ø 52 mm

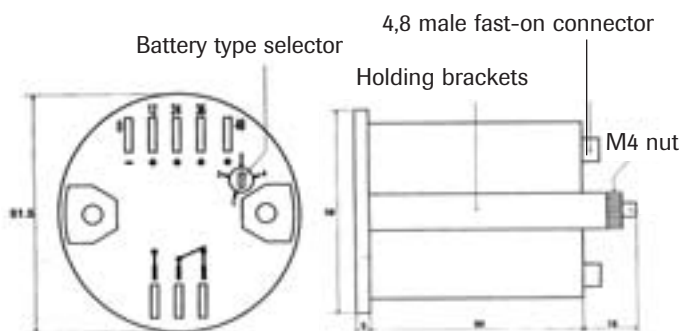
Voltage	REF
12 V	129TA8811
24 V	129TA8812
36 V	129TA8813
48 V	129TA8814



BATTERY DISCHARGE INDICATOR/CONTROLLER

- Ø 52 mm

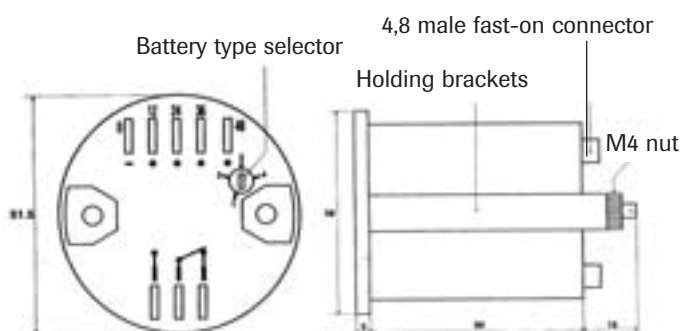
Voltage	REF
multi-voltage: without lock-out 12-24-36-48 V	107TA1062
multi-voltage with lock-out 12-24-36-48V	107TA1061



BATTERY DISCHARGE CONTROLLER AND HOUR METER

- With lock-out
- Digital: Ø 52 mm

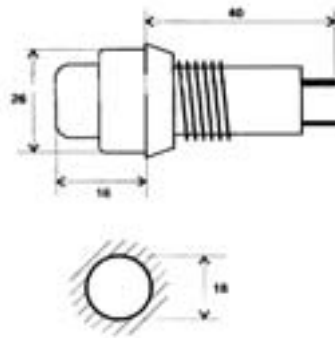
Voltage	REF
multi-voltage: 12-24-36-48 V	106TA1131



BATTERY DISCHARGE INDICATOR

Ø 18mm (used on sweepers)

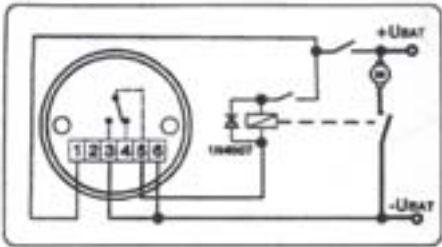
Voltage	REF
12V	107TA1057
24V	107TA1058
36V	107TA1059
48V	107TA1060



BATTERY DISCHARGE INDICATOR/CONTROLLER

Ø 52 mm

Voltage	REF with lock-out
12 V	123TA7754
24 V	107TA1046
36 V	107TA1047
40 V	107TA1048
48 V	107TA1049
72 V	107TA1050
80 V	107TA1051



BATTERY DISCHARGE INDICATORS - CONTROLLER

BATTERY DISCHARGE CONTROLLER AND HOUR METER

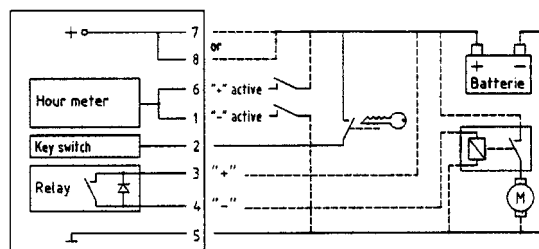
- With lock-out
- Ø 52 mm



- | | |
|---|--|
| 1 | hour meter input “-” |
| 2 | from key switch “+” |
| 3 | relay contact “+” |
| 4 | relay contact “-” |
| 5 | battery “-” (GND) |
| 6 | hour meter input “+” |
| 7 | battery permanent “+” |
| 8 | battery permanent “+” |
| M | discharge settings
adjustable potentiometer |

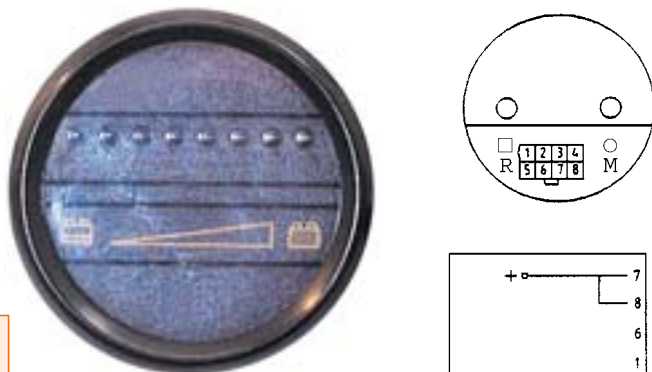
BAUSER

Voltage	REF 8 LED	REF 10 LED
24V	107TA1071	116TA5951
36V	107TA1072	116TA5952
48V	107TA1073	116TA5953



BATTERY DISCHARGE CONTROLLER

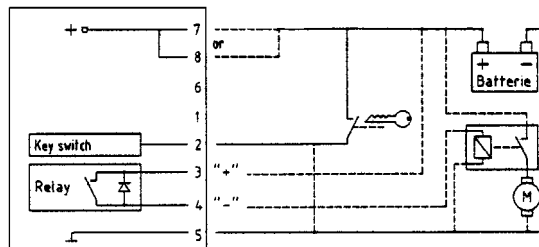
- With lock-out
- Ø 52 mm



- | | |
|---|--|
| 1 | no use |
| 2 | from key switch "+" |
| 3 | relay contact "+" |
| 4 | relay contact "-" |
| 5 | battery "-" (GND) |
| 6 | no use |
| 7 | battery permanent "+" |
| 8 | battery permanent "+" |
| M | discharge settings
adjustable potentiometer |

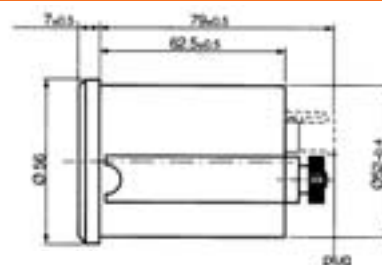
BAUSER

Voltage	REF
24V	107TA1068
36V	107TA1069

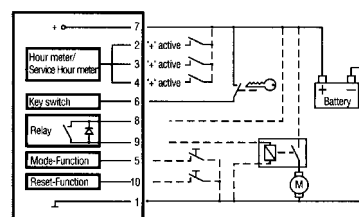
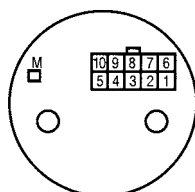


BATTERY DISCHARGE CONTROLLER AND HOUR METER

- With lock-out
- Ø 52 mm

**BAUSER**

Voltage	REF
72 V	106TA1169
80 V	106TA1170

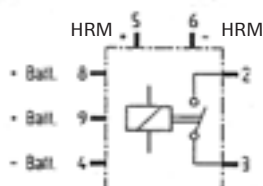
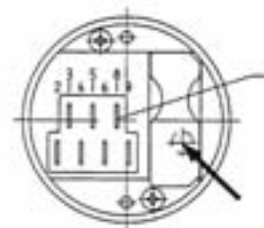
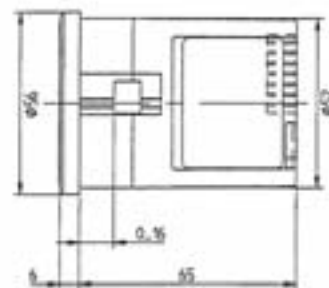


The buttons for the mode and reset function can be connected optionally.

- | | |
|---|---|
| 1: Battery "-" (ground) | 6: Key switch "+" |
| 2: Hour meter input "+" | 7: Battery permanent "+" |
| 3: Hour meter input "+" | 8: Relay "+" |
| 4: Hour meter input "+" | 9: Relay "-" |
| 5: Mode (button connected to battery "-") | 10: Reset (button connected to battery "-") |

BATTERY DISCHARGE CONTROLLER

- With lock-out
- Ø 52 mm



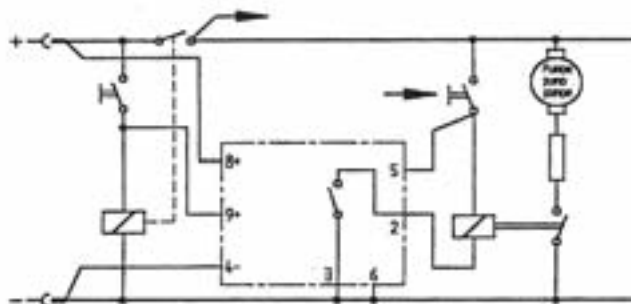
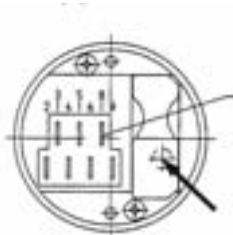
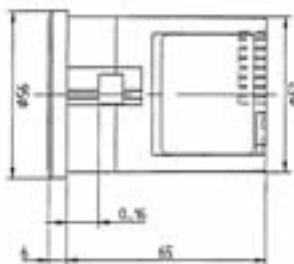
Voltage	REF
24 V	112TA4847
36 V	112TA4848
40 V	112TA4849
48 V	112TA4850
72 V	112TA4851
80 V	112TA4852

BATTERY DISCHARGE CONTROLLER AND HOUR METER

- With lock-out
- Ø 52 mm
- OH-button: In case of disconnected operating voltage, the operating hours are readable for 10 seconds by pushing the button in the front panel



Voltage	REF without OH-button	REF with OH-button
24 V	107TA1081	107TA1075
36 V	107TA1082	107TA1076
40 V	107TA1083	107TA1077
48 V	107TA1084	107TA1078
72 V	107TA1085	107TA1079
80 V	107TA1086	107TA1080





CURTIS



THIS IS ONLY A SMALL SELECTION OF WHAT WE CAN OFFER
PLEASE CONTACT OUR SALES DEPARTMENT FOR MORE INFO



HOURL METERS

DIGITAL HOURL METERS

BATTERY DISCHARGE INDICATORS

BATTERY CONTROLLERS



Hour meter DIGITAL



Hour meter
LCD-display

Voltage	REF
12 - 48 V	107TA1208
12 - 80 V	107TA1209
48 - 150 V	106TA1478

CURTIS METERS

Hour meter DIGITAL

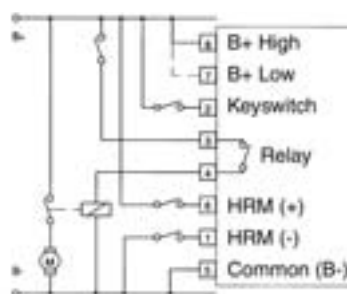
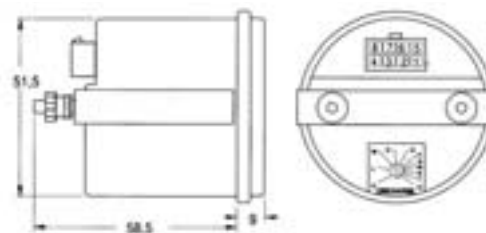


Hour meter
LCD-display

Voltage	REF
12 - 48 V	123TA7751

BATTERY DISCHARGE CONTROLLER AND HOUR METER

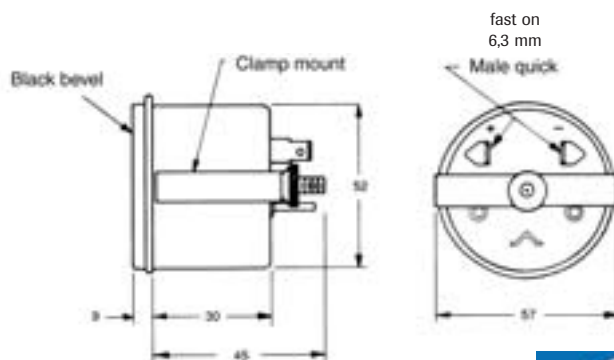
- With lock-out
- Ø 52 mm
- Curtis 803 series



Voltage	REF
12 V	107TA1064
24 - 48 V	106TA1141
72 - 80 V	107TA1065

BATTERY DISCHARGE INDICATOR

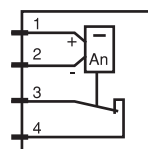
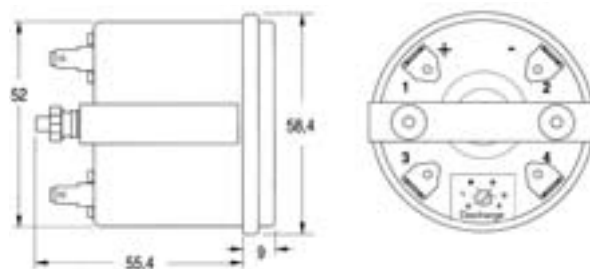
- Without lock-out
- Ø 52 mm



Voltage	REF
12 V	107TA1063
24 V	106TA1135
36 V	106TA1136
48 V	106TA1137
72 V	106TA1138
80 V	106TA1139

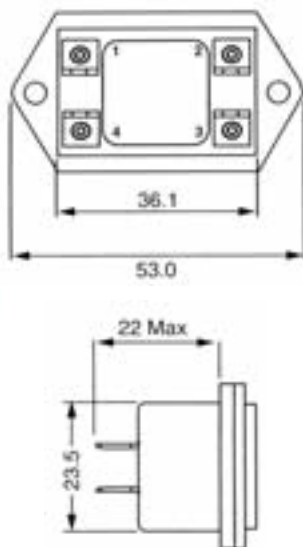
BATTERY DISCHARGE CONTROLLER

- With lock-out
- Ø 52 mm



Voltage	REF
24 V	107TA1074
36 V	106TA1153
48 V	106TA1154
72 V	106TA1155
80 V	106TA1156

BATTERY DISCHARGE INDICATOR



Voltage	REF
12 V	123TA7788
24 V	123TA7789
36 V	123TA7790
48 V	123TA7791

Terminals:

1. Battery +
2. Battery -
3. Output signal or memory battery (+)
4. Key switch

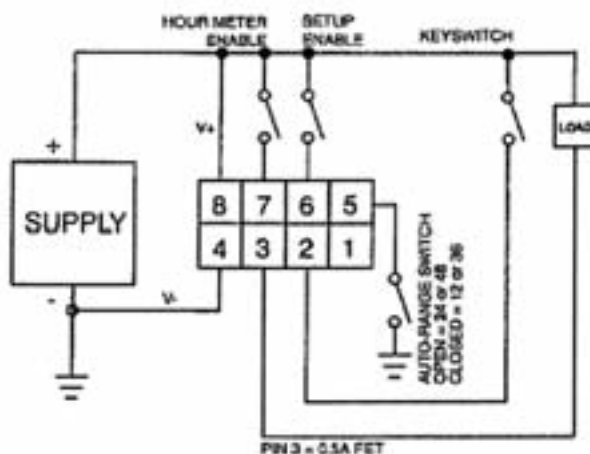
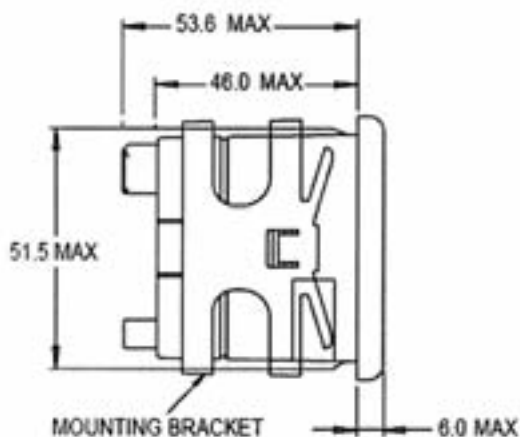


MAINTENANCE MONITOR WITH SETTABLE HOUR METER

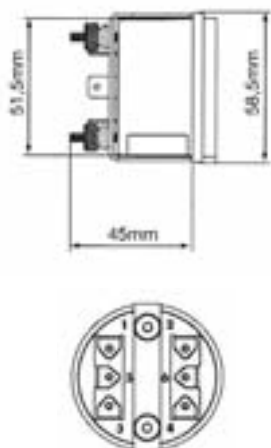
REF 123TA7755

enGage II

- Operating voltage: 12-48VDC
- Field programmable maintenance monitor allows users to program maintenance intervals for their specific application
- Settable hour meter allows replacement of a failed hour meter without loss of total elapsed time
- FET output (0,5A) which allows the user to choose appropriate notification methods, such as alarms or buzzers
- Clock function allows vehicle operator easy and safe access to time of day status



BATTERY CHARGE METER (NO BDI)



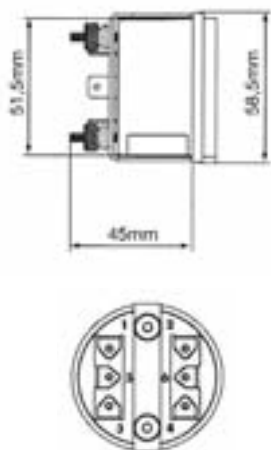
Voltage	REF
12 V	123TA7792
24 V	123TA7961

**Terminals:**

2. Battery +
3. Battery ground
5. Higher output
6. Lower output

not intended for use with battery powered vehicles!

FUEL GAUGE



Voltage	REF
12 V	123TA7793



used with fuel level sender
REF 123TA7794

Terminals:

1. Sender input
2. Battery + (12VDC)
3. Battery ground
4. Sender ground
5. Higher output
6. Lower output

fuel level sender

