

# Switch Terminal Relay Terminal Terminal Block

for

**Delco, Denso OSGR  
Mitsuba PMGR  
Mitsubishi**



**Metro Auto Industrial Inc.**

**Toll Free: 1-800-263-8761**

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## Mitsuba

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## Mitsubishi

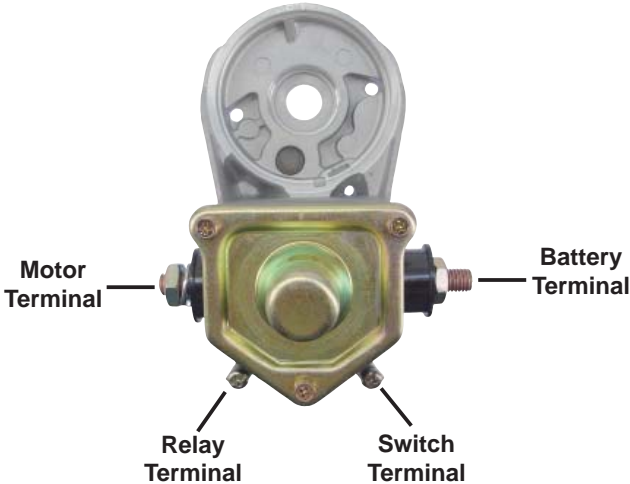
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## Delco

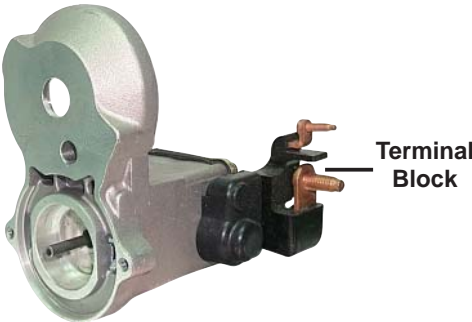
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# Configuration

**Denso OSGR  
Solenoid  
(Heavy Duty)**



**Denso OSGR  
Solenoid  
(Light Duty)**



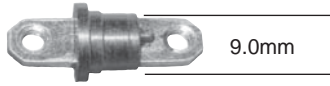
**Mitsuba PMGR  
Solenoid Switch**



**Mitsubishi PMGR  
Solenoid Switch  
Extension**

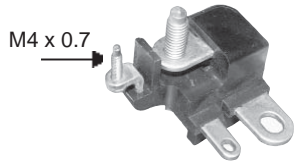


# Denso OSGR



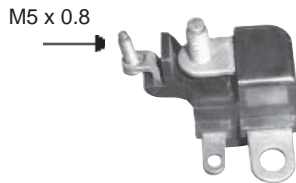
**76-82101**  
**Relay Terminal**

**Dim:** M4 x 0.7 Thread Hole  
9.0mm Neck OD  
**For:** 1.0kw, 1.4kw  
**Lester:** 16248, 16251, 16578, 16585,  
16760,  
**Note:** Used on 66-82108 relay contact



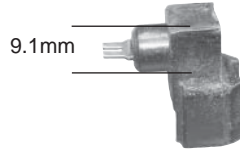
**76-82115**  
**Terminal Block**

**Dim:** M4 x 0.7 Switch Terminal  
M8 x 1.25 Battery Terminal  
**For:** 1.4kw OSGR Starter  
**Lester:** 17084  
**Note:** Similar to 76-82154  
except 76-82154 has  
M5 x 0.8 Switch Terminal



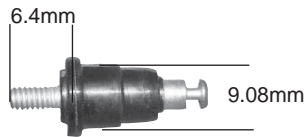
**76-82154**  
**Terminal Block**

**Dim:** M5 x 0.8 Switch Terminal  
M8 x 1.25 Battery Terminal  
**For:** 1.4kw OSGR Starter  
**Lester:** 17084  
**Note:** Similar to 76-82115  
except 76-82115 has  
M4 x 0.7 Switch Terminal



**76-82102**  
**Switch Terminal**

**Dim:** 9.1mm Neck OD  
**For:** Early Style Starter  
**Lester:** 17270  
**Note:** Low Profile  
Used on Solenoid  
w/Paper Gasket



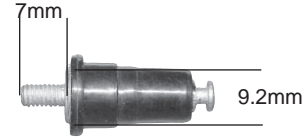
**76-82120**  
**Switch Terminal**

**Dim:** M4 x 0.7 Post  
6.4mm Thread Length  
27.1mm OAL  
9.08mm Neck OD  
**For:** 1.0kw, 1.2kw, 1.4kw  
**Lester:** 16849, 17007, 17020, 17084  
**Note:** Similar to 76-82168  
except 76-82168 has  
M5 x 0.8 Post



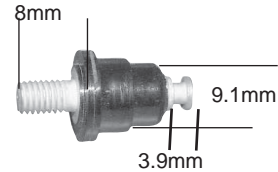
**76-82124**  
**Switch Terminal**

**Dim:** M4 x 0.7 Thread Hole  
8.9mm Neck OD  
24.2mm OAL  
**For:** 1.0kw  
**Lester:** 16236, 16248, 16251, 16578,  
16585, 16586, 16600, 16739,  
16746, 16760, 16763, 16822,  
16878, 17202, 17204, 17421,  
14457  
**Note:** used on Isuzu, Thermo King  
Screw use 84-82108



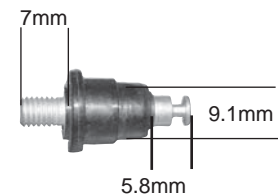
**76-82127**  
**Switch Terminal**

**Dim:** M4 x 0.7 Post  
7mm Thread Length  
31mm OAL  
9.2mm Neck OD  
**For:**  
**Lester:**  
**Note:**



**76-82130**  
**Switch Terminal**

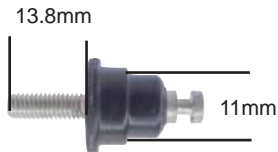
**Dim:** M5 x 0.8 Post  
8mm Thread Length  
25.25mm OAL  
9.1mm Neck OD  
**For:** 1.4kw  
**Lester:** 17083, 17091  
**Note:** used on Cadillac, Chevrolet



**76-82130-1**  
**Switch Terminal**

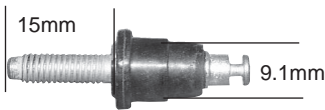
**Dim:** M5 x 0.8 Post  
7mm Thread Length  
27mm OAL  
9.1mm Neck OD  
**For:**  
**Lester:**  
**Note:**

# Denso OSGR



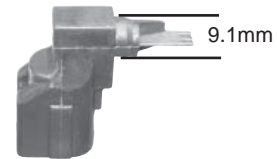
**76-82131**  
**Switch Terminal**

**Dim:** M5 x 0.8 Post  
13.8mm Thread Length  
35mm OAL  
11mm Neck OD  
**For:** 3.0kw  
**Lester:** 17548  
**Note:** used on Dodge Truck



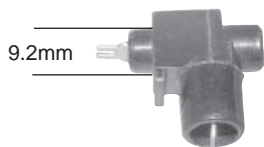
**76-82159**  
**Switch Terminal**

**Dim:** M5 x 0.8 Post  
15mm Thread Length  
35.5mm OAL  
9.1mm Neck OD  
**For:** 1.2kw, 1.4kw  
**Lester:**  
**Note:**



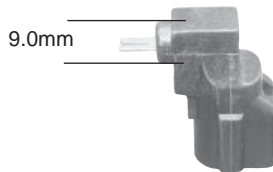
**76-82162**  
**Switch Terminal**

**Dim:** 9.1mm Neck OD  
**For:** 1.2kw, 1.4kw, 1.8kw  
**Lester:** 17554  
**Note:** used on Geo, Lexus, Toyota  
For universal design use  
76-82160



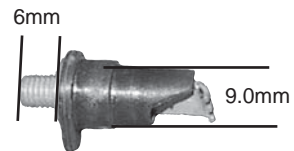
**76-82140**  
**Switch Terminal**

**Dim:** 9.2mm Neck OD  
**For:** 1.0kw, 1.2kw, 1.4kw, 1.6kw  
**Lester:** 16736, 16746, 16800, 16801,  
16839, 16840, 16906, 16913,  
16960, 16975, 17050, 16264,  
17265, 17273, 17274, 17285,  
17297, 17298, 17494  
**Note:** used on Honda, Acura, Daihatsu



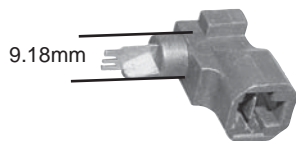
**76-82160**  
**Switch Terminal**

**Dim:** 9.0mm Neck OD  
**For:** 1.0kw, 1.2kw, 1.4kw, 1.6kw, 1.8kw,  
2.0kw  
**Lester:** 17485, 17554  
**Note:** used on Geo, Lexus, Toyota  
Can be used to replace  
76-82162



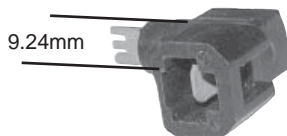
**76-82163**  
**Switch Terminal**

**Dim:** M4 x 0.7 Post  
6mm Thread Length  
30mm OAL  
9.0mm Neck OD  
**For:** 1.4kw  
**Lester:** 6441, 17216, 17466  
**Note:** used on Chrysler, Chevrolet



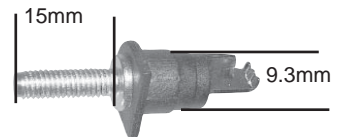
**76-82157**  
**Switch Terminal**

**Dim:** 9.18mm Neck OD  
**For:** 1.0kw, 1.2kw, 1.4kw  
**Lester:** 17197, 17465  
**Note:** for Universal Design use  
76-82161.  
used on Chrysler, Dodge, Plymouth



**76-82161**  
**Switch Terminal**

**Dim:** 9.24mm Neck OD  
**For:** 1.2kw, 1.4kw  
**Lester:** 17197, 17256, 17259, 17263,  
17400, 17423, 17424, 17460,  
17465, 17481  
**Note:** used on Chevrolet, Chrysler  
Can be used to replace  
76-82157

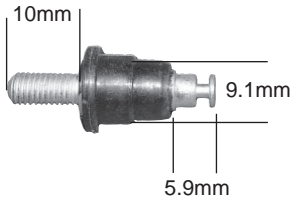


**76-82164**  
**Switch Terminal**

**Dim:** M5 x 0.8 Post  
15mm Thread Length  
40mm OAL  
9.3/10.52mm Neck OD  
**For:** 1.2kw, 1.4kw  
**Lester:** 17523, 17573, 17574  
**Note:**

\* All the OE number, Lester number and pictures are for reference use only.  
Metro Auto assumes no responsibility for possible errors.

# Denso OSGR



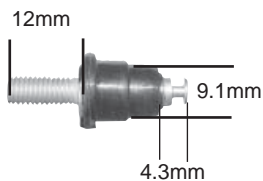
**76-82168**  
**Switch Terminal**

**Dim:** M5 x 0.8 Post  
10mm Thread Length  
30.3mm OAL  
9.1mm Neck OD

**For:**

**Lester:** 17083, 17091

**Note:** Similar to 76-82168-2 except 76-82168-2 has 12mm Thread Length and 32.2mm OAL



**76-82168-1**  
**Switch Terminal**

**Dim:** M5 x 0.8 Post  
12mm Thread Length  
30.7mm OAL  
9.1mm Neck OD

**For:**

**Lester:**

**Note:**



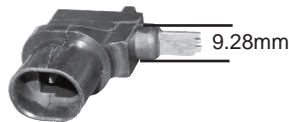
**76-82169**  
**Switch Terminal**

**Dim:** 9.3mm Neck OD  
**For:** 1.2kw, 1.4kw  
**Lester:** 17242  
**Note:** used on Subaru



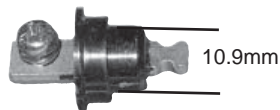
**76-82188**  
**Switch Terminal**

**Dim:** 10.98mm Neck OD  
**For:**  
**Lester:** 16657, 17375, 17382  
**Note:**



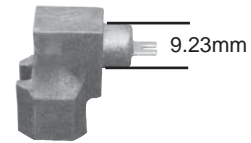
**76-82196**  
**Switch Terminal**

**Dim:** 9.28mm Neck OD  
**For:**  
**Lester:** 17785, 17800  
**Note:**



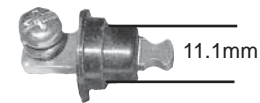
**76-82502**  
**Switch Terminal**

**Dim:** M4 x 0.7 Thread Hold with screw 84-82108  
10.9mm Neck OD  
**For:** 2.5kw, 4.5kw, 5.5kw  
**Lester:** 16658  
**Note:** used on Case John Deere  
Similar to 76-82511 except 76-82511 has M5 x 0.8 Thread Hole



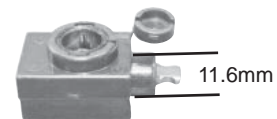
**76-82508**  
**Switch Terminal**

**Dim:** 9.23mm Neck OD  
**For:** 1.0kw, 1.2kw, 1.4kw, 1.6kw, 2.0kw  
**Lester:** 16236, 16248, 16578, 16585, 16612, 17001, 17002, 17003, 17125, 17254, 17256, 17420, 17422, 17483, 17487, 17546  
**Note:** High Profile Type



**76-82511**  
**Switch Terminal**

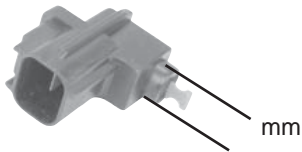
**Dim:** M5 x 0.8 Thread Hold with screw 84-82128  
11.1mm Neck OD  
**For:** 2.5kw, 3.0kw, 4.5kw, 5.5kw  
**Lester:** 16824, 16830, 16881  
**Note:** used on Toyota Forklift, John Deere  
Similar to 76-82502 except 76-82502 has M4 x 0.7 Thread Hole



**76-82514**  
**Switch Block**

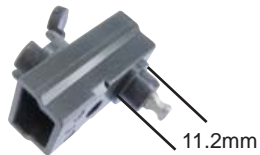
**Dim:** 11.6mm Neck OD  
**For:** 3.0kw, 4.5kw  
128000-5623 and others  
**Replace:** 053480-7560  
**Note:** with Screw and Cap  
Screw use 84-82128

# Denso OSGR



**76-82515**  
**Switch Terminal**

**Dim:**  
**For:** 2.5kw  
**Replace:** 053480-7900, 053480-7901, 053480-7950  
**OE:** 228000-818, 228000-878, 428000-119, 428000-283  
**Lester:** 17892, 18401, 18500  
**Note:**



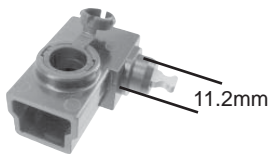
**76-82520**  
**Switch Terminal**

**Dim:** M5x0.8x40mmL  
Neck 11.2mm  
**For:** 3.0kw, 4.0kw, 4.8kw  
**Replace:** 053480-7990  
**OE:** 228000-653, 228000-654, 228000-655, 228000-656, 228000-657, 228000-701, 228000-741, 228000-787, 228000-808, 228000-902, 228000-914, 228000-915, 228000-963, 228000-975; 428000-021, 428000-408  
**Lester:** 18018, 18454, 18455, 18457, 18458, 18566, 18567, 18568, 18569, 18993, 19847, 19852, 19871, 19872  
**Note:**



**76-82233**  
**Terminal Block**

**Dim:** M5 x 0.8 Switch Terminal  
M6 x 1.0 Battery Terminal  
**For:** 1.8kw OSGR Starter  
**Replace:**  
**OE:** 228000-9130, 228000-9131, 228000-9132  
**Lester:** 17851  
**Note:** Used with  
72-82124 Cover  
76-82234 Lead Wire - Motor



**76-82519**  
**Switch Terminal**

**Dim:** M5x0.8x40mmL  
Neck 11.2mm  
**For:** 2.5kw, 4.5kw  
**Replace:** 053480-7590  
**OE:** 228000-135, 228000-142, 228000-183, 228000-370, 228000-422, 228000-423, 228000-750; 428000-112, 428000-166, 428000-237  
**Lester:** 17418, 18505, 18992, 19817, 19961  
**Note:**



**76-82217**  
**Switch Terminal**

**Dim:**  
**For:** 1.2kw, Chrysler Pacifica  
**Replace:**  
**OE:** 428000-152  
**Lester:** 17912  
**Note:** used w/76-82216 Terminal Extension



**76-82533**  
**Switch Terminal**

**Dim:** M6 x 1.0 x 13mm Thread Length  
39.4mm OAL  
11.1mm Neck OD  
2.5kw, 4.8kw  
**For:** 053480-8440  
**Replace:** 428000-250, 428000-2500,  
**OE:** 428000-2501, 428000-2502, 428000-2503, 428080-250, 428080-2500, 428080-2501, 428080-2502  
19965, 19966  
**Lester:** Similar to 76-82131, but 76-82131  
**Note:** is M5x0.8, and different design



# Denso OSGR



**76-82181**  
**Switch Terminal Extension**

**Dim:** 145.8mm Length  
**For:** Denso 1.2kw, 1.4kw  
**Replace:** 053680-7170, 053680-7340,  
**OE:** 053680-7380  
**Lester:** 17202, 17204, 17421, 17457  
**Note:** Ref WAI 76-82601



**76-82191**  
**Switch Terminal Extension**

**Dim:**  
**For:** Delco PG260D; Hitachi DD,  
 PMGR, OSGR; Mitsubishi  
 PMGR Starters  
**Replace:**  
**OE:**  
**Lester:** 17069, 17145, 17146, 17147,  
 17161, 17178, 17196, 17246,  
 17479, 17685, 30817  
**Note:** Ref WAI 76-89606



**76-82198**  
**Switch Terminal Extension**

**Dim:** 145.8mm Length  
**For:** 2.5kw, 4.8kw  
**Replace:** 053680-7840  
**OE:** 228000-6260, 228000-6261,  
 228000-6381  
**Lester:** 18516, 18937  
**Note:** Hino Medium/Heavy Truck



**76-82199**  
**Switch Terminal Extension**

**Dim:**  
**For:** Denso OSGR Starter  
**Replace:**  
**OE:**  
**Lester:**  
**Note:**



**76-82220**  
**Motor Lead**

**Dim:** 120mm Length, 8.5mm Ring  
 Terminal & 6.3mm Blade Terminal  
 in Molded Plug at Opposite Ends  
 of Lead  
**For:** Denso OSGR 1.8kw, 2.0kw  
**Replace:** 053680-7640  
**Lester:** 18277, 18556, 18557, 18411  
**Note:** Ref PIC 6990-125



**76-82234**  
**Motor Lead Wire**  
**20AWG**

**Dim:** 1.85mm Wire Thickness  
 8.40mm Big Hole  
 5.20mm Small Hole  
 138mm Length  
**For:** Denso OSGR 1.8kw Starter  
**Replace:**  
**Lester:**  
**Note:** Used with 76-82233 Terminal  
 Block  
 1989-93 Geo, Isuzu



**76-82234-1**  
**Motor Lead Wire**  
**16AWG**

**Dim:** 2.75mm Wire Thickness  
 8.40mm Big Hole  
 5.20mm Small Hole  
 137mm Length  
**For:** Denso OSGR 1.8kw Starter  
**Replace:**  
**Lester:**  
**Note:** Used with 76-82233 Terminal  
 Block  
 1989-93 Geo, Isuzu



**76-82238**  
**Harness Wire**

**Dim:** Eyelet 10.5mm ID, 18mm OD  
**For:** Denso  
**Replace:**  
**Lester:**  
**Note:**

\* All the OE number, Lester number and pictures are for reference use only.  
 Metro Auto assumes no responsibility for possible errors.



# Denso OSGR



**76-82239**  
**Lead Wire**  
**Motor & Switch**

**Dim:** 71mm Lead x 96mm OAL  
2.9mm Wire OD

**For:** Denso OSGR Starter

**Replace:**

**Lester:**

**Note:**



**76-82242**  
**Plug - Pigtail**

**Dim:** 155mm Lead Length  
186mm OAL  
3mm Wire OD

**For:** Mitsubishi PMGR, PMOSGR Starters

**Replace:**

**Lester:** 17830, 17831, 17834, 17984,  
17903, 17904, 17927, 19040,  
19055, 19064, 19121

**Note:** AIM SD-08196P



**76-82503**  
**Switch Terminal Extension**

**Dim:**

**For:** Denso OSGR 2.5kw Starter

**Replace:** 053680-0922

**OE:** 028000-558, 028000-686,  
028000-687, 028000-688,  
028000-689, 028000-807

**Lester:** 16830

**Note:**



**76-82245**  
**Lead Wire**  
**Motor & Switch (Male)**

**Dim:** 210mm Lead Length  
250mm OAL  
3mm Lead Wire OD

**For:** Denso OSGR Starters

**Replace:**

**Lester:** 18400 etc....

**Note:**

\* All the OE number, Lester number and pictures are for reference use only.

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# Mitsuba PMGR



**76-85001**  
**Switch Terminal**

**Dim:**

**For:** Mitsuba PMGR

**Replace:**

**OE:**

**Lester:** 19014, 17958, 17959, 17960, 19009

**Ref:** 76-85501, W485-176, SH-09138T

**Note:**



**76-85006**  
**Switch Terminal**

**Dim:** M8 x 1.25

**For:** Mitsuba PMGR

**Replace:**

**OE:**

**Lester:** 17958

**Ref:** SH-18147

**Note:** Similar to 76-85016, but opposite side.



**76-85016**  
**Switch Terminal**

**Dim:** M8 x 1.25 x 46.3mm L

**For:** Mitsuba PMGR

**Replace:**

**OE:**

**Lester:** 10914, 19015, 19159, 19264

**Ref:**

**Note:** Similar to 76-85006, but opposite side.



**76-85002**  
**Switch Terminal**

**Dim:**

**For:** Mitsuba PMGR

**Replace:**

**OE:**

**Lester:** 17814, 17870, 17871, 17901

**Ref:** 76-85500, W485-185

**Note:**



**76-85011**  
**Switch Terminal**

**Dim:**

**For:** Mitsuba PMGR

**Replace:**

**OE:**

**Lester:** 17816, 17844

**Ref:** 76-85503

**Note:**

# Mitsubishi PMGR



**76-83101**  
**Switch Terminal**

**Dim:**

**For:** Mitsubishi PMGR

**Replace:**

**OE:**

**Lester:** 17461, 17726

**Ref:**

**Note:** Used on Switch 66-8347



**76-83108**  
**Switch Terminal**

**Dim:**

**For:** Mitsubishi PMGR

**Replace:**

**OE:** M0T24072

**Lester:** 10910

**Ref:**

**Note:** Screw use M5 x 0.8 x 8mmL,  
11.8mm OA

\* All the OE number, Lester number and pictures are for reference use only.  
Metro Auto assumes no responsibility for possible errors.



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but Metro Auto Industrial Inc. assumes no responsibility for possible errors.

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