



COMMERCIAL FOOD WARMERS SPARE PART CATALOGUE



THERMAL

thermalproducts.com.au

50 Years Of Quality Service & Products

Thermal Products

30 Years of quality service and support Australia wide in the electrical industry

Northern Gas & Electrical

20 years of quality service and support Australia wide in the gas industry



50 Years of Product Knowledge

50 Years Of Helpful Service

50 Years of Customer Satisfaction

50 Years Of Proud Australian Ownership

Now boasting 50 years of combined industry experience and product knowledge Thermal Products is proud to announce the incorporation of Northern Gas and Electric. Servicing the domestic, commercial and industrial sectors Thermal Products is truly your one stop shop for all your gas and electrical needs.

HEATING ELEMENTS

STRAIGHT LENGTH BEND IT YOURSELF HEATING ELEMENTS



31 kW / sq. m Elements For Wet & Dry Use

Part Number	Wattage/Voltage	Length
H03716	500W/240V	675mm
H03717	1000W/240V	1295mm
H03718	1250W/240V	1635mm
H03719	1500W/240V	1935mm

46.5 kW / sq. m elements for Water or Air Heating

Part Number	Wattage/Voltage	Length
H03790	500W/240V	484mm
H03791	750W/240V	695mm
H03792	1000W/240V	910mm
H03793	1250W/240V	1120mm
H03794	1500W/240V	1330mm
H03795	1800W/240V	1585mm
H03796	2000W/240V	1755mm
H03797	2400W/240V	2280mm
H03798	3000W/240V	2600mm

120kW / sq. m Elements For Water Heating Only

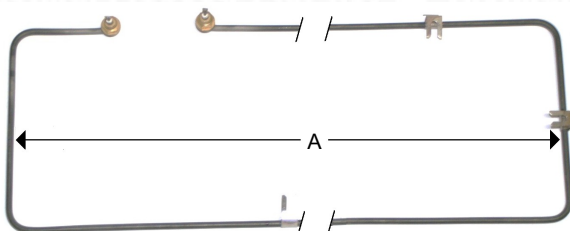
Part Number	Wattage/Voltage	Length
H03721	1250W/240V	445mm
H03722	1500W/240V	545mm
H03723	1800W/240V	645mm
H03724	2000W/240V	715mm
H03725	2400W/240V	850mm
H03726	3000W/240V	1048mm
H03727	3600W/240V	1250mm
H03728	4800W/240V	1650mm

Accessories

Part Number	Description	Picture
TPFEET	Raised mounting feet to suit bend it yourself elements	

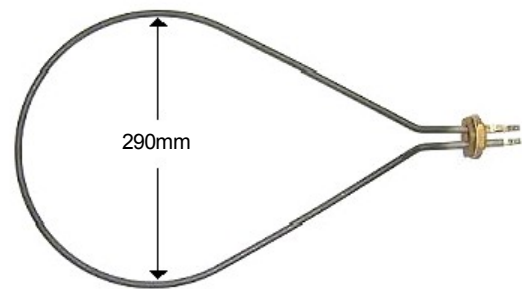
PRE-FORMED ELEMENTS

Roband Bain Marie Elements



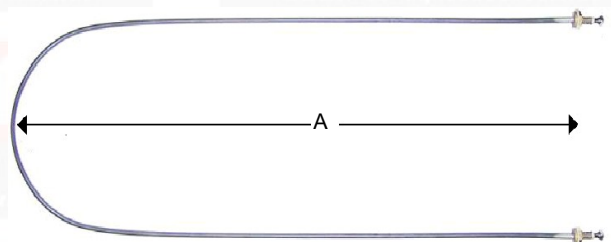
Part Number	Wattage / Voltage	Dimension A
HC0031	1800W/240V	660mm
HC0032	2700W/240V	1000mm
HC0033	2700W/240V	1290mm
HC0034	2700W/240V	1580mm

Snow Shoe Bain Marie Elements with 1" BSP Thread



Part Number	Wattage / Voltage	Penetration length
TP700	1500W/240V	450mm
TP701	2400W/240V	450mm

U-Shaped Bain Marie Elements with 250mm Centres & 3/8" Bushes



Part Number	Wattage / Voltage	Dimension A
TP709	2400W/240V	900mm
TP712	2400W/240V	1200mm
TP715	2400W/240V	1500mm
TP718	2400W/240V	1800mm

TG3 Portable Immersion Element



Part Number	Description
TG3	2.4kW 240V portable over the side water heating element with 1.8mt lead and 10A plug
Please note when in use the heated section of the element is required to be constantly submerged, exposing the heated element to air will lead to failure.	
Minimum required water height from bottom of element – 100mm	
Maximum water height from bottom of element – 300mm	

Nickel Plated Copper Water Heating Elements

Part Number	Description	Image
TUE1500	1" BSP 1500W Heating Element	
TUE2400	1" BSP 2400W Heating Element	
TWB2400	2400W Spiral Water Heating Element with 3/8" BSP bushes	

HEAT LAMPS

Ceramic Ends with Leads



A

Part Number	Dimension A	Wattage	Voltage
64125020	235mm	500	120
64245021	235mm	500	240
64241021	345mm	1000	240

Metal Ends with Leads



A

Part Number	Dimension A	Wattage	Voltage
64125021	225mm	500	120
64245022	225mm	500	240
64241022	345mm	1000	240

Lamps with R7S ceramic fitting



A

Part Number	Dimension A	Wattage	Voltage
54243022	235mm	300	240
64245028	225mm	500	240
EC0045	118mm	500	240
EC0046	188mm	1000	240
EC0047	254mm	1500	240
EC0154	188mm	750	240

22mm OD Jacketed Lamps with ceramic R7S fitting



A

Part Number	Dimension A	Wattage	Voltage
64242013	118mm	200	240
64243012	220mm	300	240
64245014	220mm	500	240

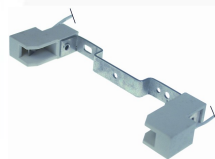
Lamps with 80mm Crimped Ends



A

Part Number	Dimension A	Wattage	Voltage
ES0256	300mm	350	240
ES0255	300mm	250	240

LAMP HOLDERS

Accessories		
Part Number	Description	Image
K504	M14 Nut mount lamp holder to suit R7S lamps 10A/240	
DX181C	Flange mount lamp holder to suit R7S lamps	
LA208	Heavy duty flange mount lamp holder to suit R7S lamps	
IR7SH	Ceramic block mount lamp holder to suit R7S lamps	
GEV359544	R7S Bulb socket assembly to suit 118mm lamps	

LAMP ASSEMBLIES

AH Series 240V Heat Lamp Assemblies



Part Number	Description	Unit length	Total Wattage
AH380-1500	QIR Lamp assembly with 1 x 500W lamp	380mm	500W
AH600-1500	QIR Lamp assembly with 1 x 500W lamp	600mm	500W
AH900-2500	QIR Lamp assembly with 2 x 500W lamp	900mm	1000W
AH1200-2500	QIR Lamp assembly with 2 x 500W lamp	1200mm	1000W
AH1500-3500	QIR Lamp assembly with 3 x 500W lamp	1500mm	1500W
AH1800-4500	QIR Lamp assembly with 4 x 500W lamp	1800mm	2000W
AH2100-4500	QIR Lamp assembly with 5 x 500W lamp	2100mm	2000W

Please note custom sizes can also be provided as necessary. All units are supplied 64245014 as standard

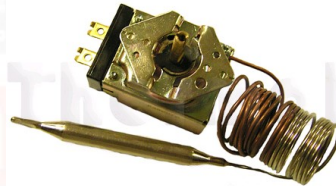
CAPILLARY THERMOSTATS

Rainbow Thermostats 20A 250V



Img	Part Number	Temp Range	Capillary Length (mm)	Probe size (mm)	Contacts	Knob to suit
1	(N)RST-120SB-2P-C	0-120°C	1000	5 x 101	Single	Included
1	(N)RST-120SB-C	0-120°C	1000	5 x 101	Change over	Included
2	TS-120SB-C	0-120°C	1000	5 x 101	Change over	Included

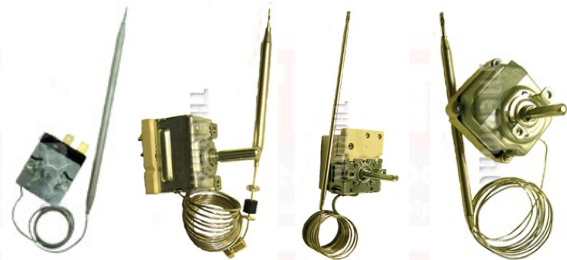
Robertshaw Thermostats 20A 250V



Img	Part Number	Temp Range	Capillary Length (mm)	Probe size	Contacts	Knob to suit
1	TEA5607	15 – 120°C	1830	115 x 10mm	Single	P2662

EGO Thermostats

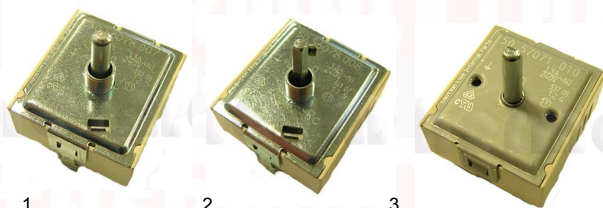
Capillary Thermostats 16A 240V



Img	Part Number	Temp Range	Capillary Length (mm)	Probe size	Contacts	Knob to suit
1	55.13022.010	31 – 110°C	870	113x6	Single	524.105A
2	55.17022.010	30 – 120°C	860	113x6	Single	524.115A
2	55.17024.010	30 – 110°C	1440	94x6	Single	524.105A
3	55.18022.020	30 – 120°C	870	102x6	Single	524.115A
3	55.18224.010	30 – 110°C	1470	113x6	Change over	524.105A
4	55.34024.060	32 – 110°C	1480	138x6	3 pole	524.105A

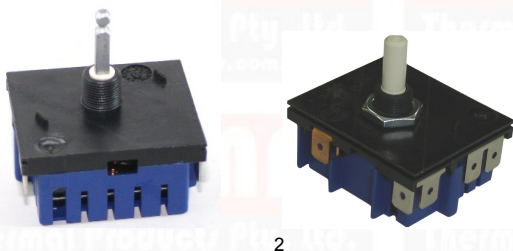
ENERGY REGULATORS

EGO Energy Regulators



Img	Part Number	Mounting	Description	Amp/ Voltage	Knob to suit
1	50.56078.007	Centre Bush	Single Pole, Separate Pilot	13/240	524.100 or 524.010
2	50.56078.008	Centre Bush	Single Pole, Separate Pilot	13/240	524.100 or 524.178
3	50.57031.010	Centre Bush	Double Pole, Separate Pilot	7/400	524.100 or 524.010
3	50.57071.010	Centre Bush	Double Pole, Separate Pilot	13/240	524.100 or 524.010

Invensys Energy Regulators



Img	Part Number	Mounting	Description	Amp/ Voltage	Knob to suit
1	TM55314	Centre Bush	Single Pole, Separate Pilot	13/240	102K
1	TM82314	Centre Bush	Double Pole, Separate Pilot	13/240	102K
2	TMP101	Centre Bush	Single Pole, Separate Pilot	13/240	102K

Tiger Energy Regulators



Img	Part Number	Mounting	Description	Amp/ Voltage	Knob to suit
1	TIG-6303	Centre Bush	Single Pole, Separate Pilot	16/240	Included

THERMOMETERS

Round Thermometers



Img	Part Number	Temp Range	Mounting Diameter	Probe size	Capillary Length (mm)
1	GEV541065	0-120°C	55mm	28mm x 6.5mm	1500 mm
1	GEV541091	0-120°C	60mm	28mm x 6.5mm	1500 mm
2	GEV541037	0-120°C	40mm	25mm x 6.5mm	2000 mm
3	TMRB-120	0-120°C	55mm	32mm x 5mm	1000 mm

Rectangular Thermometers



Img	Part Number	Temp Range	Mounting Size (mm)	Probe size	Capillary Length
1	GEV541095	0-120°C	58 x 25.5	20mm x 6.5mm	3000 mm
2	GEV541306	0-120°C	62 x 11	27mm x 6mm	3000 mm

EVCO DIGITAL CONTROLLERS

EVK-100P7 Digital Thermometer



240V Digital thermometer

Cut out size 71mm x 29mm

PTC Probe Input

Temperature Range -50°C / +150°C

EVK-411MZVHBS Digital Thermostat



240V Digital Thermostat

Cut out size 71mm x 29mm

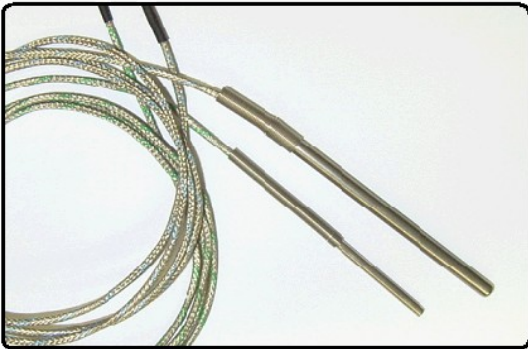
Multi probe unit: PTC, NTC, J, K, PT100, PT1000, 0-10v, 4-20mA inputs
Temperature Range -50 / + 1300°C depending on probe tolerance

Din Rail Mount Digital Thermostats



Part Number	Description
EV6421P3VHBS	12/24 V Single Output Digital Thermostat. PTC/NTC Input
EV6421P7VHBS	240 V Single Output Digital Thermostat. PTC/NTC Input

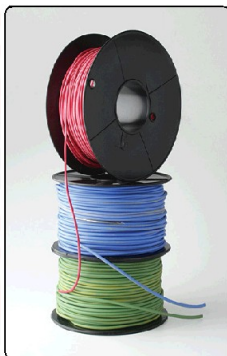
Sensors, Thermocouples & Accessories



Part Number	Description	Temp Range
ECSND0112A	1.5m Silicon PTC probe	-20 / + 80°C
ECSND1413A	1.5m. braided. PT100. RTD sensor	-50 / + 350°C
ECSND1243A	3m. Silicon. PT100. RTD Sensor	-50 / + 200°C
ECSND3343A	3m. Braided. PT100. RTD Sensor	-50 / + 350°C
ECSND3313A	1.5m. braided. 'K' Type T/Couple	-40 / + 350°C
ECSND1313A	1.5m. braided. 'J' Type T/Couple	-40 / + 350°C

CABLE & ACCESSORIES

High Temp Silicone Cable



Part Number	Description	Max Temp
SC-24180	Silicone Rubber Single Core Cable .75mm	180°C
SC-32180	Silicone Rubber Single Core Cable 1.00mm	180°C
SC-30180	Silicone Rubber Single Core Cable 1.5mm	180°C
SC-50180	Silicone Rubber Single Core Cable 2.5mm	180°C

Available by 100 mtr roll in black, blue, brown, red, white and green/yellow.

High Temperature Sheathing



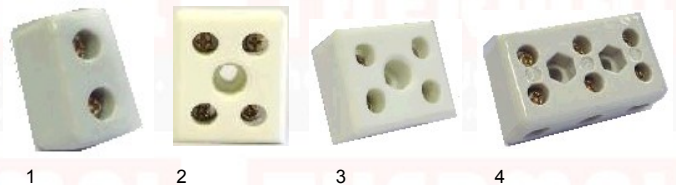
Part Number	Description	Roll Size	Permanent Temp	Max Temp
550014	Heatproof Sleeving ø 3.0mm ID	10m	250 °C	290 °C
570014	Heatproof Sleeving ø 3.0mm ID	100m	250 °C	290 °C
550050	Heatproof Sleeving ø 6.0mm ID	10m	450 °C	500 °C
570050	Heatproof Sleeving ø 6.0mm ID	100m	450 °C	500 °C
550051	Heatproof Sleeving ø 8.0mm ID	10m	450 °C	500 °C
570051	Heatproof Sleeving ø 8.0mm ID	100m	450 °C	500 °C
550052	Heatproof Sleeving ø 10.0mm ID	10m	450 °C	500 °C
570052	Heatproof Sleeving ø 10.0mm ID	100m	450 °C	500 °C
550053	Heatproof Sleeving ø 12.0mm ID	10m	450 °C	500 °C

Terminals



Img	Part Number	Description	Cable Size	Max Temp
1	GEV550001	6.3mm Nickel Plated Quick Connect Terminals (100 pack)	1 – 2.5 mm	340 °C
2	GEV550009	M5 Nickel Plated Ring Terminals (100 pack)	1 – 2.5 mm	340 °C
3	GEV550046	6.3mm Nickel Plated Quick Connect Terminals (100 pack)	2.5 – 6 mm	340 °C
4	GEV550047	6.3mm Piggy Back Quick Connect Terminals (100 pack)	N/A	110 °C
5	GEV550198	6.3mm Nickel Plated Flag Terminals (100 pack)	1 – 2.5 mm	340 °C

Terminal Blocks



Img	Part Number	Description	Dimensions (mm)
1	ICTB1B	1 Way 30A ceramic terminal block with brass fitting	27 x 16 x 20
2	ICTB2B	2 Way 30A ceramic terminal block with brass fitting	32 x 28 x 21
3	ICTB2MC	2 Way 15A ceramic terminal block with brass fitting	21 x 18 x 15
4	ICTB3B	3 Way 30A ceramic terminal block with brass fitting	52 x 30 x 22

ROCKER SWITCHES

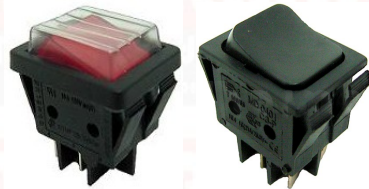
Comelux Rocker Switches

Single Pole Rocker Switches 28 x 12mm cutout
15A/240V



Img	Part Number	Description	Function
1	1300-23-01	White rocker switch	On-Off-On
1	1300-23-03	White rocker switch	On-Off
2	1300-23-06	Black rocker switch	On-On

Double Pole Rocker Switches 28 x 22mm cutout
15A/240V



Img	Part Number	Description	Function
1	1300-20-02	Splash-proof red illuminated black rocker switch	On-Off
2	1300-21-01	Black rocker switch	On-Off-On

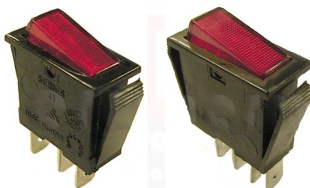
Swann Rocker Switches

Series 40 Single Pole Rocker Switches 27.5mm x
12mm cutout 16A/240V



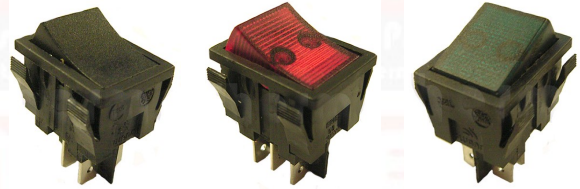
Img	Part Number	Description	Function
1	3340-001-11	Black rocker switch	On-Off
1	3340-011-11	Black rocker switch	On-On
1	3340-041-11	Black rocker switch	On-Off-On
2	3340-001-09	White rocker switch	On-Off
2	3340-019-19	White rocker switch	On-On

Series 41 Single Pole Rocker Switches 28.6mm x
11.5mm cutout 16A/240V



Img	Part Number	Description	Function
1	3340-021-11	Red illuminated black rocker switch	On-Off
2	3440-031-12	Red illuminated black rocker switch	On-On

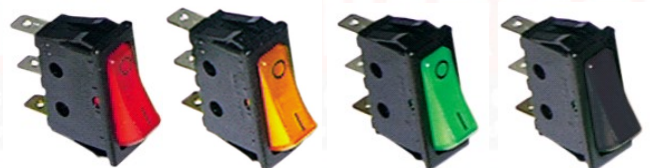
Series 50 Double Pole Rocker Switches 27mm x
22mm cutout 16A/240V



Img	Part Number	Description	Function
1	3350-001-91	Black rocker switch	On-Off
1	3350-041-91	Black rocker switch	On-Off-On
2	3350-031-92	Red illuminated black rocker switch	On-On
2	3351-081-92	Red illuminated black rocker switch	On-Off
3	3351-081-92	Green illuminated black rocker switch	On-Off

GEV Rocker Switches

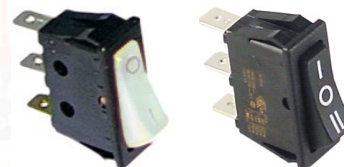
Single Pole Rocker Switches 28 x 12mm cutout
16A/240V



Img	Part Number	Description	Function
1	GEV301010	Red illuminated black rocker switch	On-Off
2	GEV301011	Amber illuminated black rocker switch	On-Off
3	GEV301012	Green illuminated black rocker switch	On-Off
4	GEV301013	Black rocker switch	On-On

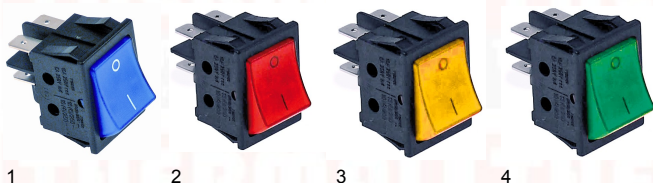


Img	Part Number	Description	Function
1	GEV301290	W/Proof Red illuminated black rocker switch	On-Off
2	GEV301291	W/Proof Amber illuminated black rocker switch	On-Off
3	GEV301292	W/Proof White illuminated black rocker switch	On-Off
4	GEV301293	W/Proof Green illuminated black rocker switch	On-Off

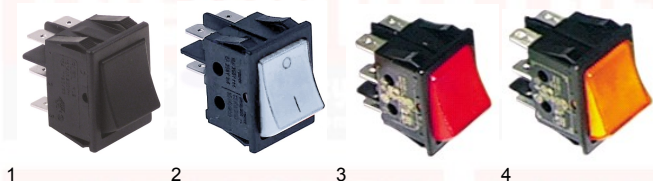


Img	Part Number	Description	Function
1	GEV301053	White rocker switch	On-Off
2	GEV345575	Black rocker switch	On-Off-On

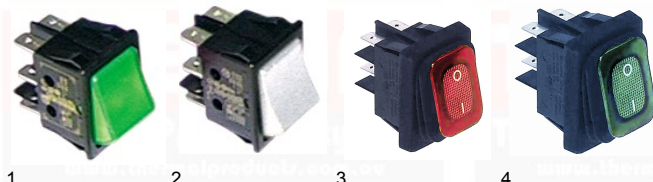
Double Pole Rocker Switches 28 x 22mm cutout 15A/240V



Img	Part Number	Description	Function
1	GEV301000	Blue illuminated black rocker switch	On-Off
2	GEV301001	Red illuminated black rocker switch	On-Off
3	GEV301002	Amber illuminated black rocker switch	On-Off
4	GEV301003	Green illuminated black rocker switch	On-Off



Img	Part Number	Description	Function
1	GEV301004	Black rocker switch	On-On
2	GEV301009	White rocker switch	On-Off
3	GEV301015	Red illuminated black rocker switch	On-On
4	GEV301016	Amber illuminated black rocker switch	On-On

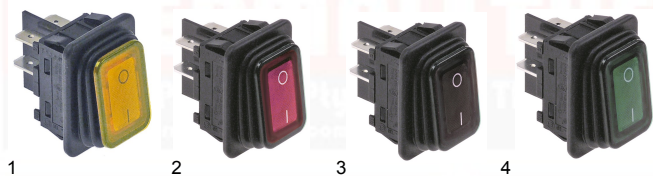


Img	Part Number	Description	Function
1	GEV301017	Green illuminated black rocker switch	On-On
2	GEV301081	White rocker switch	On-On
3	GEV345641	Splash-proof red illuminated black rocker switch	On-Off
4	GEV345645	Splash-proof green illuminated black rocker switch	On-Off



Img	Part Number	Description	Function
1	GEV346377	Black rocker switch	On-Off
2	GEV346896	Splash-proof black rocker switch	On-Off
3	GEV346899	Splash-proof Amber illuminated black rocker switch	On-Off
4	GEV301084	2 Button switch with red illumination	On-Off

Double Pole Splash Proof Rocker Switches 28 x 22mm cutout 20A/240V



Img	Part Number	Description	Function
1	GEV347774	Amber illuminated black rocker switch	On-Off
2	GEV347775	Red illuminated black rocker switch	On-Off
3	GEV347814	Black rocker switch	On-Off
4	GEV347531	Green illuminated black rocker switch	On-Off

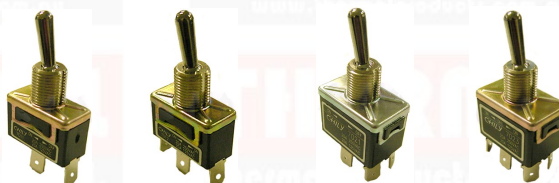
Accessories



Img	Part Number	Description
1	GEV301035	Single Pole Weatherproof Cover
2	GEV301036	Double Pole Weatherproof Cover

TOGGLE SWITCHES

Chilli Toggle Switches 12mm nut mount with 6.4 QC terminals



Img	Part Number	Description	Amps/ Voltage
1	7011C	SP/ST On-Off Toggle Switch	20A/240V
2	7012C	SP/DT On-On Toggle Switch	20A/240V
2	7013C	SP/DT On-Off-On Toggle Switch	20A/240V
3	7021C	DP/ST On-Off Toggle Switch	20A/240V
4	7023C	DP/DT On-Off-On Toggle Switch	20A/240V

Tend Toggle Switches 12mm nut mount with 6.4 QC terminals



Img	Part Number	Description	Amps/ Voltage
1	T511A	SP/ST On-Off Toggle Switch	15A/240V
2	T512A	SP/DT On-On Toggle Switch	15A/240V
2	T513A	SP/DT On-Off-On Toggle Switch	15A/240V
3	T521A	DP/ST On-Off Toggle Switch	15A/240V
4	T522A	DP/DT On-On Toggle Switch	15A/240V
4	T523A	DP/DT On-Off-On Toggle Switch	15A/240V

Tend Toggle Switches 12mm nut mount with screw terminals



Img	Part Number	Description	Amps/ Voltage
1	T511B	SP/ST On-Off Toggle Switch	15A/240V
2	T512B	SP/DT On-On Toggle Switch	15A/240V
2	T513B	SP/DT On-Off-On Toggle Switch	15A/240V
3	T521B	DP/ST On-Off Toggle Switch	15A/240V

INDICATORS

V

9000 series indicators to fit 9.6mm hole



Img	Part Number	Description	Termination
1	3150-30-02	Round Red Indicator	6.4mm Q/C Terminals
1	3150-60-22	Round Red Indicator	Fly leads
2	3150-30-03	Round Amber Indicator	6.4mm Q/C Terminals
3	3150-831-05	Round Green Indicator	6.4mm Q/C Terminals
4	3150-50-02	Square Red Indicator	6.4mm Q/C Terminals

1200 series indicators to fit 12mm hole



Img	Part Number	Description	Termination
1	1385-30-02	Round Red Indicator	6.4mm Q/C Terminals
2	1385-30-03	Round Amber Indicator	6.4mm Q/C Terminals
3	1385-30-05	Round Green Indicator	6.4mm Q/C Terminals

Swann Rectangular Indicators 6.4mm Q/C Terminals



Img	Part Number	Description	Dimensions
1	3157-01-02	SP Red Illuminated Indicator	27.5mm x 12.5mm
2	3157-01-03	SP Amber Illuminated Indicator	27.5mm x 12.5mm
3	3158-01-02	4 Terminal Red Illuminated Indicator	27mm x 22mm
3	3158-41-02	2 Terminal Red Illuminated Indicator	27mm x 22mm

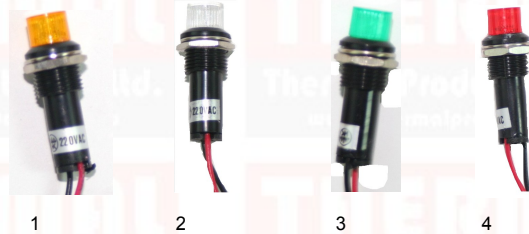
Threaded Indicators

PL10 series indicators to fit 10mm hole with fly leads



Img	Part Number	Description	Available Voltages
1	PL10-R12	Round Red Indicator	12V, 24V, 240V, 415V
2	PL10-A12	Round Amber Indicator	12V, 24V, 240V, 415V
3	PL10-G12	Round Green Indicator	12V, 24V, 240V, 415V
4	PL10-C12	Round Clear Indicator	12V, 24V, 240V, 415V

HK series indicators to fit 11mm hole with Fly Leads



Img	Part Number	Description	Voltage
1	HK402A	Round Amber Indicator	240V
2	HK402C	Round Clear Indicator	240V
3	HK402G	Round Green Indicator	240V
4	HK402R	Round Red Indicator	240V

HK series indicators to fit 14.5mm hole with QC Terminals



Img	Part Number	Description	Voltage
1	HK501A	Round Amber Indicator	240V
2	HK501G	Round Green Indicator	240V
3	HK501R	Round Red Indicator	240V

GEV Indicators

Indicator 28 x 12mm cutout 240V



Img	Part Number	Description	Termination
1	GEV359153	White Illuminated Indicator	6.4mm Q/C Terminals
2	GEV359158	Red Illuminated Indicator	6.4mm Q/C Terminals
3	GEV359159	Amber Illuminated Indicator	6.4mm Q/C Terminals
4	GEV359160	Green Illuminated Indicator	6.4mm Q/C Terminals

Indicator 28 x 22mm cutout 240V



Img	Part Number	Description	Termination
1	GEV359155	Red Illuminated Indicator	6.4mm Q/C Terminals
2	GEV359156	Amber Illuminated Indicator	6.4mm Q/C Terminals
3	GEV359157	Green Illuminated Indicator	6.4mm Q/C Terminals

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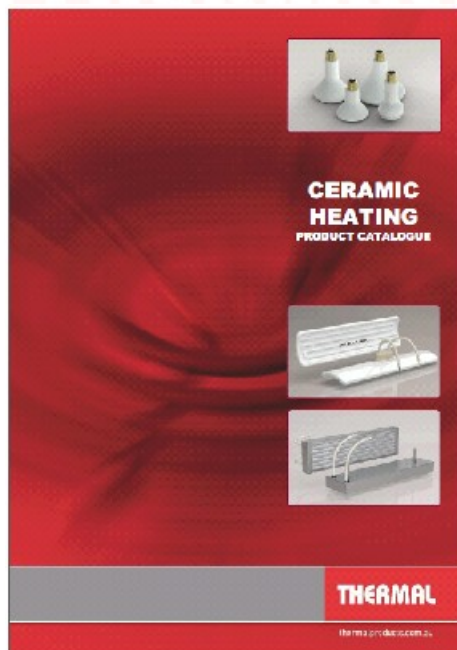
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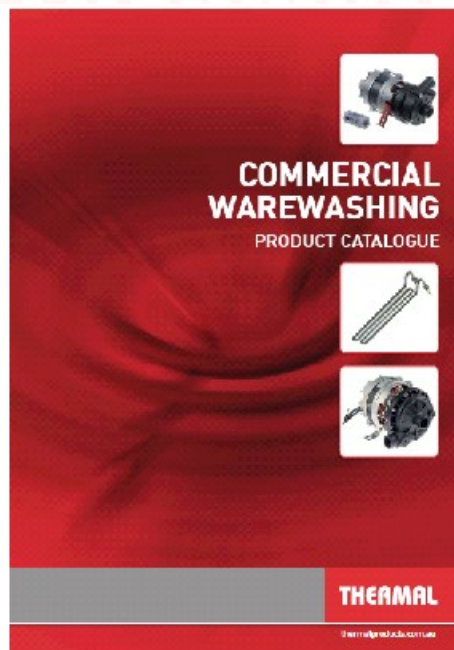
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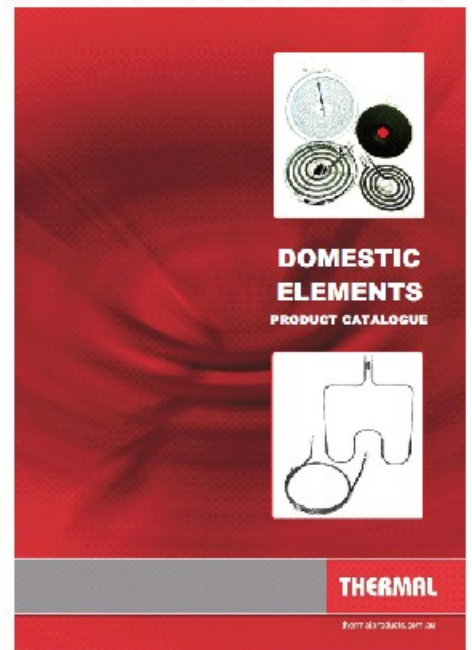
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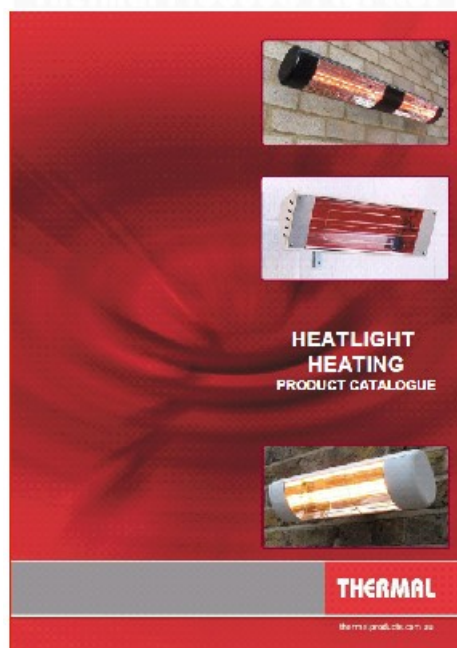
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