

EUROPA

Point of Sale

Product Selection and Buying Guide

www.europa-plc.com



Lightweight Light-box LED Display



Find the products you need and play your part in protecting the environment and our future.

ISO 14001 Certification

ISO 14001 sets the standard for Environmental Management Systems.

The new POS display by Europa has been designed as part of our commitment to reducing waste management and protecting the environment. Key features to help move toward a more environmentally friendly approach to point of sale display include:

- Made using recyclable materials: cardboard and recyclable poly sheet for image windows
- No more plastic clams
- Less packaging and waste



Popular Lines Shown - Wider Range Available!

- Simply write the quantity next to the part numbers you need and take to the trade counter.
- Selection guides are over the page for your convenience.
- **Scan the QR code** for the full range of Europa control gear and ask at the trade counter.



 RCAS-PBF3 Qty:	 RCAS-PBF4 Qty:	 RCAS-SW2 Qty:	 RCAS-SWK2 Qty:	 RCAS-ES14 Qty:
 RAS-CBNO Qty:	 RAS-CBNC Qty:	 RAD223P Qty:	 RAD224P Qty:	 CRC1P Qty:
 RCAS-ESB541NC Qty:	 G4YE/GN Qty:	 SCRW4UGY Qty:	 STBDR0.5M Qty:	 ECMFT Qty:
 PB6110D Qty:	 CPB121210D Qty:	 CPB171210D Qty:	 R8R230A2PDT Qty:	 RB8R Qty:
 R11R230A3PDT Qty:	 RB11R Qty:	 R14S24D4PDT Qty:	 RB14S Qty:	 EUC1-20-2P Qty:
 EUC3-40-4P Qty:	 TC1-D1210P7 Qty:	 TC1-D2510P7 Qty:	 TA1-DN22 Qty:	 TR2-D09308 Qty:
 TR2-D09310 Qty:	 TR2-D09314 Qty:	 TR2-D18321 Qty:	 LE1-D123U7 Qty:	 LE1-D253U7 Qty:

Browse the catalogue for more lines:

64-70 for Contactors & Accessories | 72 -79 for Push Buttons, Selector Switches, LED Lamps & Control Stations
82-84 for Timers and Relays | 87-89 for Din Rail, Din Rail Terminals and Accessories

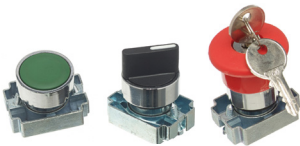
Selecting 22mm Control Actuators

1 Plastic Enclosure Selection



CRC1P	1 hole
CRC1PY	1 hole (Yellow Lid)
CRC2P	2 holes
CRC3P	3 holes

2 Switch Selection



Switch Selection Chart	
Part Number	Description
RCAS-PBF2	Flush Push Button Black
RCAS-PBF3	Flush Push Button Green
RCAS-PBF4	Flush Push Button Red
RCAS-ES14	E-Stop Key Release
RCAS-ES54	E-Stop Twist Release
RCAS-SW2	Lever 2 Position Stay Put
RCAS-SW3	Lever 3 Position Stay Put
RCAS-SWK2RS	Key 2 Position Stay Put
RCAS-SWK3RS	Key 3 Position Stay Put

Lamp Selection



Lamp Selection Chart	
Part Number	Description
RAD223B	Green 24 Volt AC / DC
RAD224B	Red 24 Volt AC / DC
RAD225B	Amber 24 Volt AC / DC
RAD223F	Green 110 Volt AC
RAD224F	Red 110 Volt AC
RAD225F	Amber 110 Volt AC
RAD223P	Green 230 Volt AC
RAD224P	Red 230 Volt AC
RAD225P	Amber 230 Volt AC

3 Contact Block Selection

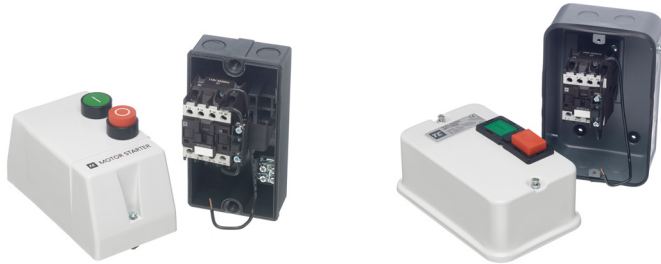


Normally Open (Green) Part Number:	RAS-CBNO
Normally Closed (Red) Part Number:	RAS-CBNC
Note: 2 contacts can be fitted to actuators mounted in boxes. 6 contacts can be mounted direct to switches in larger enclosure.	

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full range



Selecting Direct On Line Starters



1 Enclosure Selection

LE1-D253 | Insulated Enclosure BE1-T253 | Metal Enclosure

2 Coil Voltage Selection

240 volt coil part number ending U7 | 415 volt coil part number ending N7
For example: **LE1-D253U7** is an insulated plastic DOL with 240 volt coil

3 Thermal Overload Selection

Take the current or power rating from the plate fixed to the motor. **For Example:**
The motor is rated at 0.37Kw and Full Load Current (FLC) of 2.3 Amps You will select Part No. **TR2-D09307**

Motor Rating		Motor Supply 240 Volts			Motor Supply 415 Volts		
Kilo Watt (Kw)	Horse Power (HP)	Overload Size		Full Load Current (FLC)	Full Load Current (FLC)	Overload Size	
0.18	0.25	TR2-D09306	1.00 - 1.65 Amps	1.2	-	-	-
0.25	0.33			1.5	-	-	-
0.37	0.50	TR2-D09307	1.60 - 2.50 Amps	2.3	1.3	TR2-D09306	1.00 - 1.65 Amps
0.56	0.75	TR2-D09308	2.50 - 4.00 Amps	2.8	1.6		1.00 - 1.65 Amps
0.75	1.00			3.2	1.8	TR2-D09307	1.60 - 2.50 Amps
1.1	1.50	TR2-D09310	4.00 - 6.00 Amps	4.5	2.6	TR2-D09308	2.50 - 4.00 Amps
1.5	2.00	TR2-D09312	5.50 - 8.00 Amps	5.8	3.4		2.50 - 4.00 Amps
2.2	3.00	TR2-D09314	7.00 - 10.00 Amps	8.7	5	TR2-D09310	4.00 - 6.00 Amps
3	4.00	TR2-D12316	9.00 - 13.00 Amps	11	6.5	TR2-D09314	7.00 - 10.00 Amps
3.7	5.00	TR2-D18321	12.00 - 18.00 Amps	13	8		
4	5.50			14	8	TR2-D18321	12.00 - 18.00 Amps
5.5	7.50	TR2-D25322	17.00 - 25.00 Amps	19	11		
7.5	10.00			25	15		

For a motor of 0.37Kw 240 Volt supply requiring an insulated plastic enclosure we have selected the following parts:
DOL Part No. **LE1-D253U7** + Thermal Overload Part No. **TR2-D09307**

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Selecting Plug In Relays



Select the number of switched contacts you need.

Choose from either: 2 pole change-over | 3 pole change-over | 4 pole change-over

Check the rating of the relay contacts are suitable for the load being switched.

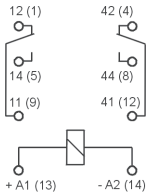
Select the coil voltage required: 24V DC or 24V AC | 110V AC | 230V AC

Select a base to mount the relay on - this must be the same type as the relay ie:

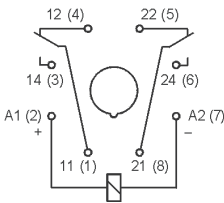
8 pin octal | 11 pin octal | 14 pin plug-in.



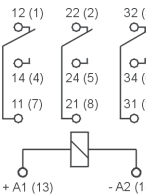
8 Pin Miniature Relays				
Part Number	Change-over Poles	Base	AMP Coil Voltage	Use with Relay base
R8S12D2PDT	2 Pole	8 Pin Plug in	10A 12 Volt DC	RB8S (8 pin plug in base)
R8S24A2PDT	2 Pole	8 Pin Plug in	10A 24 Volt AC	RB8S (8 pin plug in base)
R8S24D2PDT	2 Pole	8 Pin Plug in	10A 24 Volt DC	RB8S (8 pin plug in base)
R8S110A2PDT	2 Pole	8 Pin Plug in	10A 110 Volt AC	RB8S (8 pin plug in base)
R8S230A2PDT	2 Pole	8 Pin Plug in	10A 230 Volt AC	RB8S (8 pin plug in base)



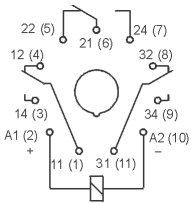
8 Pin Octal Relays				
Part Number	Change-over Poles	Base	AMP Coil Voltage	Use with Relay base
R8R12A2PDT	2 Pole	8 Pin Octal	10A 12 Volt AC	RB8R (8 pin octal base)
R8R12D2PDT	2 Pole	8 Pin Octal	10A 12 Volt DC	RB8R (8 pin octal base)
R8R24A2PDT	2 Pole	8 Pin Octal	10A 24 Volt AC	RB8R (8 pin octal base)
R8R24D2PDT	2 Pole	8 Pin Octal	10A 24 Volt DC	RB8R (8 pin octal base)
R8R110A2PDT	2 Pole	8 Pin Octal	10A 110 Volt AC	RB8R (8 pin octal base)
R8R230A2PDT	2 Pole	8 Pin Octal	10A 230 Volt AC	RB8R (8 pin octal base)



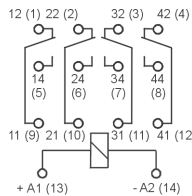
11 Pin Miniature Relays				
Part Number	Change-over Poles	Base	AMP Coil Voltage	Use with Relay base
R11S12A3PDT	3 Pole	11 Pin Plug in	6A 12 Volt DC	RB11S (11 pin plug in base)
R11S24A3PDT	3 Pole	11 Pin Plug in	6A 24 Volt AC	RB11S (11 pin plug in base)
R11S24D3PDT	3 Pole	11 Pin Plug in	6A 24 Volt DC	RB11S (11 pin plug in base)
R11S110A3PDT	3 Pole	11 Pin Plug in	6A 110 Volt AC	RB11S (11 pin plug in base)
R11S230A3PDT	3 Pole	11 Pin Plug in	6A 230 Volt AC	RB11S (11 pin plug in base)



11 Pin Octal Relays				
Part Number	Change-over Poles	Base	AMP Coil Voltage	Use with Relay base
R11R12A3PDT	3 Pole	11 Pin Octal	10A 12 Volt AC	RB11R (11 pin octal base)
R11R12D3PDT	3 Pole	11 Pin Octal	10A 12 Volt DC	RB11R (11 pin octal base)
R11R24A3PDT	3 Pole	11 Pin Octal	10A 24 Volt AC	RB11R (11 pin octal base)
R11R24D3PDT	3 Pole	11 Pin Octal	10A 24 Volt DC	RB11R (11 pin octal base)
R11R110A3PDT	3 Pole	11 Pin Octal	10A 110 Volt AC	RB11R (11 pin octal base)
R11R230A3PDT	3 Pole	11 Pin Octal	10A 230 Volt AC	RB11R (11 pin octal base)

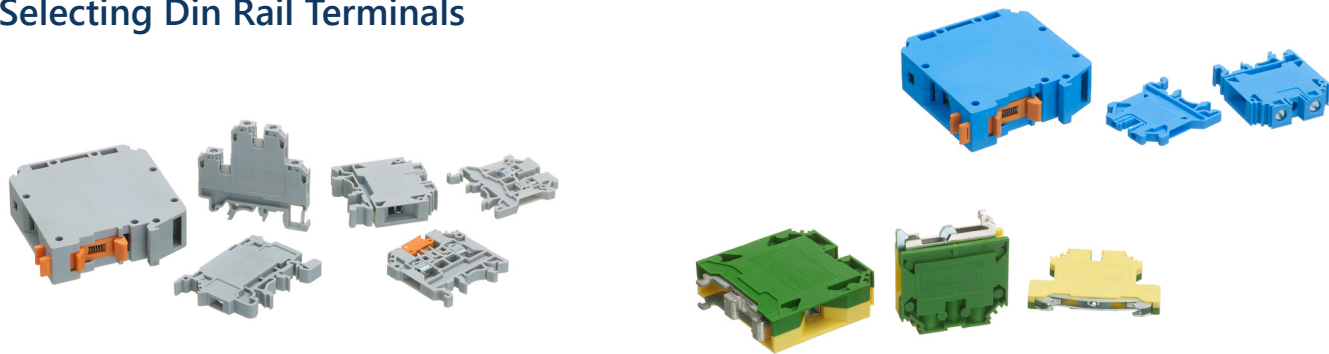


14 Pin Miniature Relays				
Part Number	Change-over Poles	Base	AMP Coil Voltage	Use with Relay base
R14S12D4PDT	4 Pole	14 Pin Plug in	6A 12 Volt DC	RB14S (14 pin plug in base)
R14S24A4PDT	4 Pole	14 Pin Plug in	6A 24 Volt AC	RB14S (14 pin plug in base)
R14S24D4PDT	4 Pole	14 Pin Plug in	6A 24 Volt DC	RB14S (14 pin plug in base)
R14S110A4PDT	4 Pole	14 Pin Plug in	6A 110 Volt AC	RB14S (14 pin plug in base)
R14S230A4PDT	4 Pole	14 Pin Plug in	6A 230 Volt AC	RB14S (14 pin plug in base)



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Selecting Din Rail Terminals



Choosing the correct terminal:

The current flowing in the cable being terminated must be less than the rating of the terminal. The size of cable to be terminated must have a cross sectional area (CSA) less than that of the terminal.

Ensure you have:

- At least one end plate to cover the live conductors within the last terminal in the row.
- Adequate end stops to hold the row of terminals in place.
- Labels to identify each terminal.

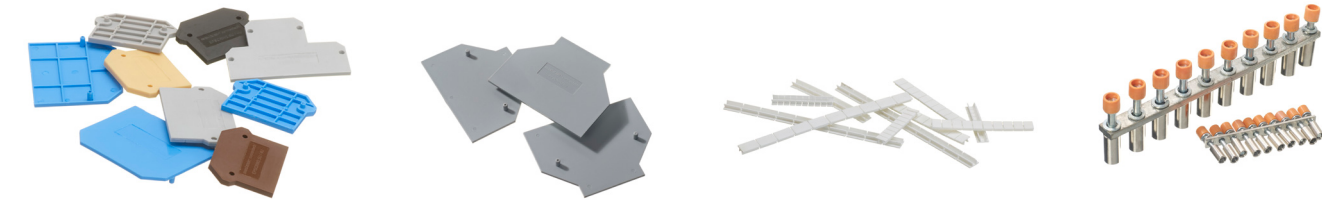
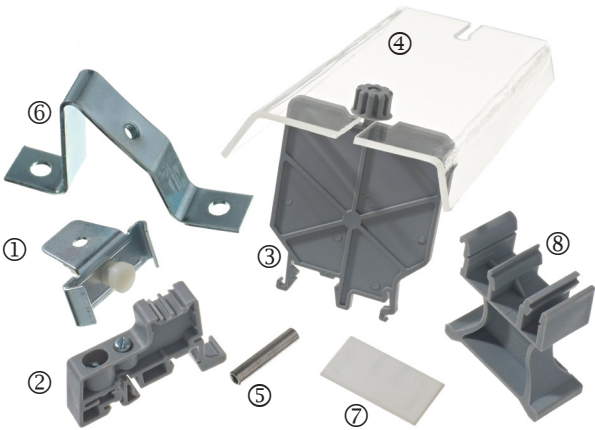
Din Rail Terminal Description	Grey	Blue	Beige	Earth
2.5mm²	SCRW2.5UGY	SCRW2.5UBU	SCRW2.5UBE	-
4mm²	SCRW4UGY	SCRW4UBU	SCRW4UBUE	G4YE/GN
6mm²	SCRW6UGY	SCRW6UBU	-	G6YE/GN
10mm²	SCRW10UGY	SCRW10UBU	-	G10YE/GN
16mm²	SCRW16UGY	SCRW16UBU	-	G16YE/GN
25mm²	SCRW25UGY	SCRW25UBU	-	-
35mm²	SCRW35UGY	SCRW35UBU	-	G35YE/GN
50mm²	SCRW50UGY	SCRW50UBU	-	-
95mm²	SCRW95UGY	SCRW95UBU	-	-
4mm² Fuse terminal (5x20mm fuse)	F4UGY	-	-	-
4mm² Double decker terminal	DBL4UGY	-	-	-
4mm² Knife disconnect terminal	KN4UGY	-	-	-



Slotted Top Hat Din Rail 35 x 7.5mm	Slotted Top Hat Din Rail 35 x 15mm	Plain Top Hat Din Rail 35 x 7.5mm
STBDR0.5M 0.5 metre	STBDR2M15S 2 metre (pack of 10)	STBDR0.5MP 0.5 metre
STBDR1M 1 metre	-	STBDR1MP 1 metre
STBDR2M 2 metre (pack of 10)	-	STBDR2MP 2 metre (pack of 10)

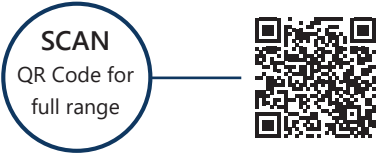
Selecting Din Rail Terminal Accessories

Accessories
① ES1S Steel end clamp
② ES2N End stop
③ SIDEPL1GY Holding plate
④ COVER150 150mm protective cover
⑤ F4UCL Copper link for fuse terminal
⑥ MTGBKT18 40° Mounting bracket
⑦ KM/G1 Group marker
⑧ GRPM7 Group marker holder + label



End Plates	Grey Partition Plates	Blank Markers	Jumper Bars (10 Way Shorting Links)
EPSCRW2.5U/4UGY 2.5-4mm² Grey	PPSCRW2.5U/4UGY 2.5-4mm²	KM/2 4-35mm² (1/2 Height)	PASLN05/10 2.5mm²
EP4UGY 4mm² Grey	PPSCRW6U/10UGY 6.-10mm²	KM/5 2.5mm²	PASLN06/10 4mm²
EPKN4UGY 4mm² Grey knife disconnect	PPSCRW25UGY 25mm²	KM/6 4mm²	PASLN08/10 6mm²
EPSCRW6U/10UGY 6-10mm² Grey	PPSCRW35UGY 35mm²	KM/8 6mm²	PASLN10/10 10mm²
EPSCRW25UGY 25mm² Grey	-	KM/9 8mm²	PASLN12/10A 16mm²
EPSCRW35UGY 35mm² Grey	-	KM/10 10mm²	PASLN12/10 25mm²
EPSCRW2.5U/4UBU 2.5-4mm² Blue	-	KM/12 16 & 25mm²	PASLN15/10 35mm²
EPSCRW6U/10UBU 6-10mm² Blue	-	KM/15 35mm²	-
EPSCRW25UBU 25mm² Blue	-	-	-
EPSCRW35UBU 35mm²	-	-	-
EPSCRW2.5U/4UBE 2.5-4mm² Beige	-	-	-

Use the **filters** to make finding what you need even easier!



Additional Popular Lines

The selection below is comprised of additional popular lines. Many more are available. Make sure to ask if you can't see what you need!

Plastic Pre-assembled Control Stations	
RCAS-ESB141NC	Enclosed 40mm Emergency Stop Key Release + 1N/C
RCAS-ESB541NC	Enclosed 40mm Emergency Stop Twist Release + 1N/C
RC1PG	1 Position Green Push Button Control Station + 1N/O
RC1PBG4	1 Position Key Operated (ON/OFF) Control Station + 1N/O



TC1-D Contactors Auxiliary Contact Block Overload Relays	
TC1-D1210P7	Contactors 12A AC-3 5.5KW 1 N/O AUX 230V AC
TC1-D1210N7	Contactors 12A AC3 5.5KW 1 N/O AUX 415VAC
TC1-D1810P7	Contactors 18A AC-3 9KW 1 N/O AUX 230V AC
TC1-D2510P7	Contactors 25A AC-3 11KW 1 N/O AUX 230V AC
TC1-D2510N7	Contactors 25A AC3 11KW 1 N/O AUX 415VAC
TA1-DN22	Auxiliary Contact Block (Front Mounting) 4P 2 N/O + 2 N/C
TR2-D09308	TC1 Overload Relay 2.5-4.0A
TR2-D09310	TC1 Overload Relay 4.0-6.0A
TR2-D09314	TC1 Overload Relay 7.0-10.0A
TR2-D18321	TC1 Overload Relay 12.0-18.0A
TR2-D09306	TC1 Overload Relay 1.00-1.65A
TR2-D09312	TC1 Overload Relay 5.5-8.0A
TR2-D12316	TC1 Overload Relay 9.0-13.0A
TR2-D25322	TC1 Overload Relay 17.0-25.0A



Modular Contactors	
EUC1-20-2P	2 N/O 20A AC1 230V AC Coil
EUC1-25-2P	2 N/O 25A AC1 230V AC Coil
EUC3-40-4P	4 N/O 40A AC1 230V AC Coil



Multi-Function Timer	
ECMFT	0-10 Days 12-240V AC/DC



Point of Sale ABS Enclosures

- IP67 | IK08
- Supplied with 35 x 7.5mm din rail
- Heavy duty screw type enclosure with gasket supplied
- Operating temperature: -40°C to +85°C
- Ideal for housing terminal blocks and industrial equipment
- Made from ABS UL94-HB



CPB1387D	IP67 ABS enclosure 130 x 80 x 70 complete with din rail 0.118M
CPB12127D	IP67 ABS enclosure 125 x 125 x 75 complete with din rail 0.112M
CPB121210D	IP67 ABS enclosure 125 x 125 x 100 complete with din rail 0.112M
CPB17127D	IP67 ABS enclosure 175 x 125 x 75 complete with din rail 0.164M
CPB171210D	IP67 ABS enclosure 175 x 125 x 100 complete with din rail 0.164M
CPB201513D	IP67 ABS enclosure 200 x 150 x 130 complete with din rail 0.182M
CPB202010D	IP67 ABS enclosure 200 x 200 x 100 complete with din rail 0.182M
CPB202013D	IP67 ABS enclosure 200 x 200 x 130 complete with din rail 0.182M
CPB281913D	IP67 ABS enclosure 280 x 190 x 130 complete with din rail 0.251M

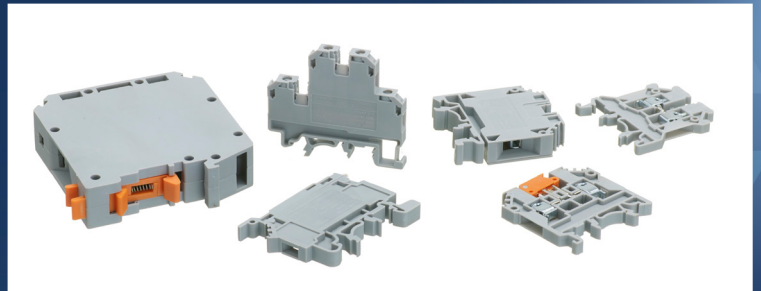
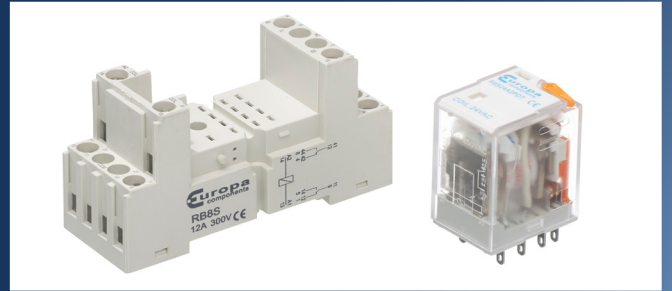


Additional POS display options are available including pull up banners, Saturn Isolators and clear floating slat-wall mounting shelves to display popular product lines. Please ask for further details.



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