



UNDERWOODS



Panel Builder Guide



Power Supplies



Timers & Counters



Industrial & Solid State Relays



Temperature Controllers



Low Voltage Switch Gear



Pushbuttons



Monitoring Products

Omron quality at the heart of your panel

Omron take great pride in the quality and reliability of its products and has been manufacturing fault-free panel products since 1933. Its design teams are constantly innovating in order to meet and exceed the demands of the competitive panel build market.

With our extensive range of panel products from Omron, you could reduce not only your administration costs, but have a one-stop supply route for all of your component needs.

S8VK Series - The next generation of power supplies

This next generation of power supplies has been designed to meet market needs. The S8VK has been designed with a wide operating temperature range (-40 to 70°C for the S8VK-G) and high vibration and shock endurance, so is ideal for use in harsh environments. High reliability (superior MTBF rates) and longer life expectancy help to reduce maintenance costs, additionally the compact size and wide input range provides useful design flexibility.

- Wide operating temperature range (-40 to +70°C) to guarantee operation stability
- Double set of DC output terminals (three for the negative) to provide easy wiring
- High efficiency (90%) to reduce energy consumption
- Power Boost functionality (120%)
- Improved DIN-rail mounting clip to provide better vibration resistance and easy installation



Compact size



Double set of DC output terminals



Reliable switching solutions...

Quality relays for every industrial application

Omron has been designing and manufacturing relays for well over fifty years and in that time have grown to become the world's only single-brand relay manufacturer.

Our relay offering includes an uncompromising high range of electromechanical and solid-state relays, plus a range of accessories to create the perfect relay package with the flexibility to match your panel needs.



Gold-clad contacts for optimal protection



Large plug-in blades for fault-free connectivity



When accuracy matters! Dependable timers and counters.

Our range of analogue and digital timers and counters provide accurate performance and are suitable for a wide variety of applications. They also come in a range of mounting styles, in- and on-panel.

Counter range:

- Totalisers
- Pre-set counters
- Cam positioners

Timing Functions:

- Twin-timer
- Star-delta
- Power OFF-delay
- Multi-function



New K8AK/K8DS Series - For all your monitoring needs

The new measuring and monitoring range includes models for single-phase current and voltage control, three-phase voltage control, conductive level control and temperature control. The new K8AK/K8DS series provides you with first-class monitoring products in a compact 17.5 and 22.5mm DIN-rail housing and have been designed to comply with global power supply and safety standards.



- K8AK-AS Single-phase current relay (SPDT)
- K8AK-AW Single-phase current relay (Window comparator) (SPDT)
- K8AK-VS Single-phase voltage relay (SPDT)
- K8AK-VW Single-phase voltage relay (Window comparator) (SPDT)
- K8AK-PH Three-phase sequence, loss relay (DPDT)
- K8AK-PM Three-phase voltage, sequence, loss relay (Window comparator) (2 x SPDT)
- K8AK-PA Three-phase imbalance, sequence, loss relay (SPDT)
- K8AK-PW Three-phase voltage relay (Window comparator) (2 x SPDT)
- K8AK-LS Conductive level controller (SPDT)
- K8AK-TH Temperature monitoring relay (SPDT)
- K8DS-PH Three-phase sequence, loss relay (17.5mm) (SPDT)

Temperature control solutions - High performance and easy to use

Omron has been an active innovator in temperature control since introducing its first temperature controller in 1967. Within the wide portfolio of temperature control products you will find:

- Single and multi-loop DIN-rail mountable controllers
- Basic analogue and digital in- and on-panel controllers
- Digital and process on-panel controllers
- Temperature sensors (including PT100 and thermocouples)
- All products have been designed for easy set-up and operation.



E5_C Series in- and on-panel controllers with high contrast LCD display

The complete product package for your panel...

Pushbutton Switches

Our range includes 16 and 22mm pushbutton, knob-type selector, key-type selector switches and indicators. These come in a variety of shapes and colours.



Low-voltage switch gear

A complementary range of low-voltage switch gear is available and includes mini contactor relays, mini motor contactor, motor contactor, thermal overload relays and motor-protection circuit breakers (MPCBs). The contactors are modular and several configurations are possible.



Limit switches

We can supply standard and compact sized limit switches and also basic switches for subassemblies. There are additional special models for industry specific applications.



Digital panel indicators

Our digital panel indicators come in 1/32 and 1/8 DIN sizes and provide the perfect read-out for your panel.



1 New Southgate Logistics Centre

Underwoods Electrical Distributors Ltd
Unit 6, Brunswick Industrial Park
Brunswick Park Road
New Southgate
London N11 1JL

T: 0208 362 0200
F: 0208 362 0201
E: tony.maryan@ued.co.uk

2 Leeds

Underwoods Electrical Distributors Ltd
Unit 9, Madison Court
Quayside Business Park
George Mann Road
Hunslet
Leeds LS10 1DX

T: 0113 2720455
F: 0113 2008699
E: graham.field@ued.co.uk

3 Edinburgh

Lucas Power & Control
Office 52
Bilston Glen Phase 3
Loanhead
Edinburgh EH20 9LZ

T: 0131 448 2828
F: 0131 448 2880
E: m.daly@lpc-uk.com

4 Bury St. Edmunds

Underwoods Electrical Distributors Ltd
8 Forbes Business Centre
Kempson Way
Bury St. Edmunds IP32 7AR

T: 01284 748310
F: 01284 748319
E: hayley.maris@ued.co.uk

5 High Wycombe

Underwoods Electrical Distributors Ltd
14 Manor Courtyard
Hughenden Avenue
High Wycombe
Bucks HP13 5RE

T: 01494 464464
F: 01494 465100
E: stuart.lacey@ued.co.uk

6 Bristol

Underwoods Electrical Distributors Ltd
6 Westfield Park, Clevedon
North Somerset
Nr. Bristol BS21 6UA

T: 01275 345300
F: 01275 345309
E: dave.walker@ued.co.uk

7 Orpington

Underwoods Electrical Distributors Ltd
Unit 9, Crayfield Industrial Park
Main Road
Orpington
Kent BR5 3HP

T: 01689 897670
F: 01689 820721
E: david.martin@ued.co.uk

8 Northampton

Underwoods Electrical Distributors Ltd
Unit 14a
Bassett Court
Loake Close
Northampton NN4 5EZ

T: 01604 764164
F: 01604 826884
E: ken.sheldrake@ued.co.uk

9 Southampton

Underwoods Electrical Distributors Ltd.
Stirling House
7 St Johns Road
Hedge End
Southampton SO30 4AA

T: 01489 799013
F: 01489 795347
E: james.foard@ued.co.uk

10 Warrington

Underwoods Electrical Distributors Ltd
International Business Centre
Delta Crescent, Westbrook
Warrington WA5 7WQ

T: 03333 212328
E: craig.rowan@ued.co.uk

11 Remtech (Repair Centre)

43b Leyton Avenue
Mildenhall
Suffolk IP28 7BL

Repairs of PLC, HMIs and Drives

T: 01638 714170
F: 01638 714162
E: simon.andrews@ued.co.uk



www.ued.co.uk