



RMS Type Numbers

RMS products are identified by descriptive *Type Numbers* on the basis of their general function. For a specific model a type number is allocated which comprises a general classification number followed by a **K** number. A different *Type Number* is used for every unique Customer Ordering Code. This is a proven system, which provides a traceable means to ensure customers obtain the same specification product for future orders even when the original relay may have been specially built only for them.

GROUP 0 Idec Izumi products

GROUP 1 Relay circuits

- A Alarms
- B Circuit breaker reclosers
- C Counting circuits
- F Flashers
- L Liquid level
- M Multiple relay racks
- P Miscellaneous relay panels
- S Optical acr sensors
- T Supervisory relay circuits
- X Miscellaneous relay units

GROUP 2 Measuring relays

- C Current
- D Directional current
- H Frequency
- L Earth leakage (Except C)
- P Phase
- T Time
- V Voltage
- W Power
- X Directional power
- Z Impedance

GROUP 3 Auxiliary relays

- A 6R, 12R & 30R
- F Based on 13R
- Y Miscellaneous
- Z Mixture of types

GROUP 4 Miscellaneous

- B Buzzers
- L Liquid crystal displays
- M Mechanical products
- O Other products
- P Power supplies
- S Solenoids
- T Transformers

GROUP 5 Distributed Products

- F Photocontrols
- N Nieaf Smitt
- R Reyrolle

Product Ordering Codes

Each data sheet includes a section titled *Ordering Information* (Shown below), which provides the details required for a customer to generate a unique product *Ordering Code*.

General Class	Order Code		
	1	2	3
2C138			

1 AUXILIARY SUPPLY RANGE

- A 20-70V DC
- B 40-275V AC & 40-300V DC

2 CT INPUT RATING & SENSITIVITY

- A 1A 0.5% – 15.5% C 1A 0.1% – 3.1%
- B 5A 0.5% – 15.5% D 5A 0.1% – 3.1%

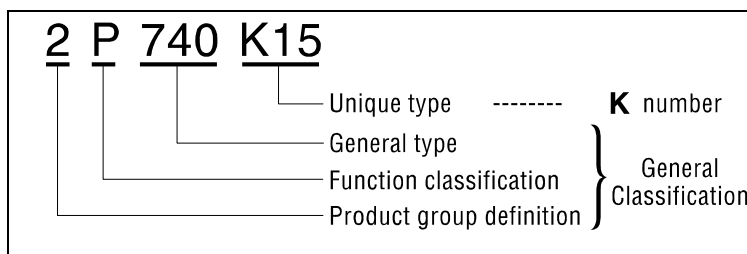
3 TRIP FLAG

- A Red LED non volatile trip indication (Standard)
- B Magnetic disc trip flag

Generate the required order code as follows: e.g. 2C138-BAA

This code should be advised when seeking price quotations & when placing orders. The front label of the product is designated with the RMS *Type Number* code as well as the customer generated *Ordering Code*. Invoices & delivery docket are also clearly marked with the *Ordering Code* in the product description field to allow customers to easily check that they have received the correct item against their order.

Type Number Code Definition



Part A Contents

- A1** Capability Statement
- A2** Product & Services Summary
- A3** Product Catalogue Contents
- A4** Custom Relay Options
- A5** Quality Assurance Program
- A6** Sales & Technical Support
- A7** Customer References
- A8** Factory Lead Time Chart
- A9** RMS Product Warranty
- A10** Protection Relay Cross Reference Guide

Part A Section 3

Product Catalogue Contents

PHASE		
2P48	Potential selecting relay	SECTION 1
2P49	Phase failure relay	
2P740	Phase fail, sequence, unbalance, under volts	
TIMERS		
2T105	Digital setting time delay	SECTION 2
2T649	Refer 6R MATRIX system	
2T749	Analogue setting time delay	
2T751	Analogue setting true time delay off	
2T770	Recycling timer	
VOLTAGE		
2V63	Single phase voltage relay	SECTION 3
2V67	Three phase definite time under/over voltage relay	
2V68	Busbar CT supervision & shorting relay	
2V73	High impedance differential relay	
1M123	High Impedance BUS Protection Rack	
1M124	Numeric High Impedance BUS Protection Rack	
2V75	Three phase Metrosil module	
2V76	Single phase voltage / neutral displacement relay	
2V730	AC voltage sensing	
2V731	DC voltage sensing	
CURRENT		
1S20	2 zone 3 sensor arc fault monitor	SECTION 4
1S25	4 zone 8 sensor arc fault monitor	
1S26	4 zone 8 sensor arc fault with current check	
1S30	Arc fault sensor – 1 or 2 optical detectors	
2C65	3 phase definite time over current	
2C73	High impedance differential relay	
2C81	DC current sensing	
2C138	Sensitive earth fault	
2C720	Single phase current sensing	
FREQUENCY		
2H34	Under frequency sensing – 4 stage	SECTION 5
2H750 / 2H760	Under / over frequency sensing (45-50 / 55-60Hz)	
AUTO RECLOSE		
1B230	Multi shot auto reclose	SECTION 6
VOLTAGE REGULATION		
2V164	Digital tap change control	SECTION 7
2V165	Parallel transformer control	
1M122D	Parallel transformer control system	
2V200	Tap Position Indicator V to F Sender Unit	
4D200	TPI Module	
4M900	TPI selector switch	
SYNCHRONIZING CHECK		
2SY112	Synchronism check	SECTION 8
PILOT WIRE SUPERVISION & INTERTRIPPING		
3A20	Pilot wire send / receive relays	SECTION 9
3A300	DC Intertrip System	
TEST BLOCKS & ENCLOSURES		
4M300 / 4M320	Test block system	SECTION 10
M Series	Modular rack mount protection relay cases	
AUXILIARY, TRIP & SUPERVISION		
1A54	8 & 16 Point Alarm Panels	SECTION 11
1X10 / 1X20	Fuse supervision / Trip circuit supervision	
1X30	Trip circuit supervision (CB open & closed)	
1X50	CB Trip & Close Module	
6RMATRIX_Pre	Modular Auxiliary, Tripping & Supervision	
6RJ	High speed tripping relays	
6RA	Auxiliary relays	
6RX	Supervision relays	
6RM QUAD	Four element flag relays	
6R & 30R	6R relay technical data supplement	