

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
- HS 6R based high speed tripping relays
- L Earth leakage (Except C)
- P Phase
- T Time
- V Voltage
- W Power
- X Directional power
- Z Impedance

GROUP 3 Auxiliary relays

- A Auxiliary functions
- R Alpha based
- Y Miscellaneous
- Z Mixture of types

GROUP 4 Miscellaneous

- AB Active burden modules
- B Buzzers
- D Display modules
- L Liquid crystal displays
- M Mechanical products
- O Other products
- P Power supplies
- S Solenoids
- T Transformers

GROUP 5 Distributed Products

- N Nieaf Smitt
- R Reyrolle
- S STS Rail

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%

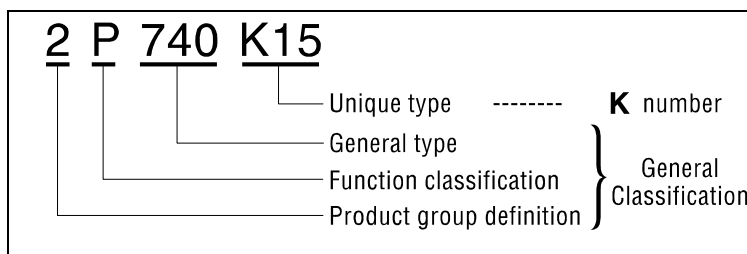
3 TRIP FLAG

- 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 AC & DC voltage monitoring relay	SECTION 3
2V67-S	Three phase definite time under/over voltage relay	
2V76	Single phase voltage / neutral displacement relay	
2V730	AC voltage sensing	
2V731	DC voltage sensing	

CURRENT

2C65	3 phase definite time over current	SECTION 4
2C74	Instantaneous over current relay	
2C81	DC current sensing	
2C138	Sensitive earth fault	
2C139	Shaft Overcurrent protection	
2C720	Single phase current sensing	

ARC FAULT

1S20	2 zone 3 sensor arc fault monitor	SECTION 5
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	

PILOT WIRE SUPERVISION & INTERTRIPPING

3A20	Pilot wire send / receive relays	SECTION 6
3A300	DC intertrip system	

FREQUENCY

2H34-S	Under frequency sensing – 4 stage	SECTION 7
2H750 / 2H760	Under / over frequency sensing (45-50 / 55-60Hz)	

HIGH IMPEDENCE DIFFERENTIAL PROTECTION

1M123	High Impedance BUS protection rack	SECTION 8
1M124	Numeric high Impedance BUS protection rack	
2C73	High impedance differential relay	
2V68	Busbar CT supervision & shorting relay	
2V73	High impedance differential relay	
2V75	Three phase metrosil module	
6RA20	CT Shorting relay	

VOLTAGE REGULATION & CONTROL

2V164-S	Digital tap change control	SECTION 9
2V165-S	Parallel transformer control	
1M122	Parallel transformer control system	
2V200	Tap position indicator V to F Sender Unit	
4D200	TPI module	

TEST BLOCKS & ENCLOSURES

2RMLB	Multi-finger test plug	SECTION 10
4M300 / 4M320	Test block system	
M Series	Modular rack mount protection relay cases	
Y Series	Surface mount plug in relay cases	

AUTO RECLOSE & SYNCHRONISING CHECK

1B230	Multi shot auto reclose	SECTION 11
2SY212-S	Synchronism check	

AUXILIARY, TRIP & SUPERVISION

ABM	Active burden module	SECTION 12
1A54	4, 8 & 16 point alarm panels	
1X10 / 1X20	Fuse supervision / trip circuit supervision	
1X30	Trip circuit supervision (CB open & closed)	
1X50	CB trip & reclose module	
6RMATRIX	Modular auxiliary, tripping & supervision	
6RMATRIX-Pre	6R MATRIX pre-defined models	
6RJ	High speed tripping relays	
6RA	Auxiliary relays	
6RX	Supervision relays	
6RM QUAD	Four element flag relays	
6R & 30R	6R relay technical data supplement	