

Product datasheet

Specifications

Intelligent trip unit 3H for MA2, MA3

3H-type



Device application	Protection for ACB
Trip unit name	3H-type
Range of product	ACB code MA2, MA3
Product or component type	Control unit
Network type	AC
Trip unit technology	Micro-processor based
Trip unit protection functions	LSIG
Protection type	Overload protection (long time) / Short time short-circuit protection / Instantaneous short-circuit protection / Grounding protection
Fault indication	Overload / Internal fault / Short-circuit / Earth fault
Auxiliary power supply	Self power or 230VAC
Network frequency	50/60Hz
Long time pick-up adjustment type I_r	Multi-step, 1 A increment or OFF
Long time pick-up adjustment range	$0.4...1 \times I_n$
Long time delay adjustment type	Adjustable 7 settings
$[t_r]$ long-time delay adjustment range	$15...960s$ ($1.5 \times I_r$), accuracy: $\pm 20\%$
Short-time pick-up adjustment type I_{sd}	Multi-step, 1 A increment or OFF
$[I_{sd}]$ short-time pick-up adjustment range	$1.5...15 \times I_r$
Short-time delay adjustment type	Adjustable 5 settings
$[t_{sd}]$ short-time delay adjustment range	$100...400ms$
Instantaneous pick-up adjustment type I_i	Multi-step, 1 A increment or OFF
Instantaneous pick-up adjustment range	$1...20 \times I_n$, accuracy: $\pm 10\%$
Display type	Digital display
Type of measurement	Instantaneous current (I_1, I_2, I_3, I_n), range: $0.2...1.2 I_n$, accuracy: $\pm 1.5\%$ Maximum current (I_1, I_2, I_3, I_n), range: $0.2...1.2 I_n$, accuracy: $\pm 1.5\%$

