



Technical data		Ti2 AHDB	I88 AHDB	I88	GC
Electrical data					
Rated insulation voltage U_i		250 V AC	250 V AC	250 V AC	400 V AC
Conventional thermal current I_{the}	U1Z A2Z	10 A –	10 A 5 A	10 A 5 A	10 A 5 A
Rated operating voltage U_e		240 V	240 V	240 V	240 V
Utilization category	U1Z A2Z	AC15, 240 V/3 A, –	AC-15, U_e/I_e 240 V / 3 A AC-15, U_e/I_e 240 V / 1.5 A	AC-15, U_e/I_e 240 V / 3 A AC-15, U_e/I_e 240 V / 1.5 A	AC-15, U_e/I_e 240 V / 3 A –
Positive opening action NC contacts \ominus		As per IEC/EN 60947-5-1, Addendum K	As per IEC/EN 60947-5-1, Addendum K	As per IEC/EN 60947-5-1, Addendum K	As per IEC/EN 60947-5-1, Addendum K
Short-circuit protection		Fuse 6A gL/gG	Fuse 10A gL/gG	Fuse 10A gL/gG	Fuse 10A gL/gG
Protection class		II, Insulated	II, Insulated	II, Insulated	I
Mechanical data					
Enclosure		PBT, glass fibre-reinforced	Thermoplastic, glass fibre-reinforced (UL 94-V0)	Thermoplastic, glass fibre-reinforced (UL 94-V0)	Aluminium pressure die-casting
Cover		PA6.6, black	Thermoplastic, glass fibre-reinforced (UL 94-V0)	Thermoplastic, glass fibre-reinforced (UL 94-V0)	Sheet aluminium
Actuation		Axis lever enclosure, lever (metal)	Axis lever enclosure, lever (metal)	Lever (metal)	Lever (steel)
Ambient temperature		–30°C to + 80°C	–30°C to + 80°C	–30°C to + 80°C	–30°C to + 80°C
Mechanical service life		1 x 10 ⁶ switching cycles	1 x 10 ⁶ switching cycles	1 x 10 ⁶ switching cycles	1 x 10 ⁶ switching cycles
B10d		2 mill.	2 mill.	2 mill.	2 mill.
Switching frequency		≤ 50 / min.	≤ 50 / min.	≤ 50 / min.	≤ 20 / min.
Mounting		2 x M4 or 2 x M5 fixed positioning for safety applications	2 x M4	2 x M4	2 x M4
Type of connection		Screw connections	Screw connections	Screw connections	Screw connections
Conductor cross sections		Single-wire 0.5 – 1.5 mm ² or Stranded wire with ferrule 0.5 – 1.5	Single-wire 0.5 – 1.5 mm ² or Stranded wire with ferrule 0.5 – 1.5	Single-wire 0.5 – 1.5 mm ² or Stranded wire with ferrule 0.5 – 1.5	Single-wire 0.5 – 1.5 mm ² or Stranded wire with ferrule 0.5 – 1.5
Cable entry		1 x M20 x 1,5	1 x M20 x 1,5	1 x M20 x 1,5	1 x M20 x 1,5
Installation position		Any	Any	Any	Any
Protection class		IP 65 as per EN 60529	IP 65 as per EN 60529	IP 65 as per EN 60529	IP 65 as per EN 60529
Standards					
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1					

① Depending on switching system. See Table on Pages 70 – 73.