

FINE PROTECTION ELEMENTS



ISO10200

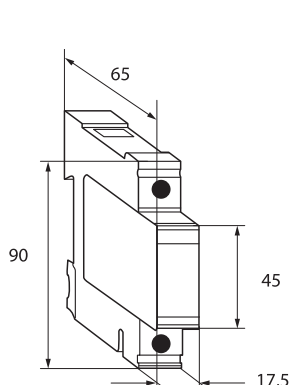
SCHRACK INFO

Schrack rail-mounted fine protection element (T3) for indoor mounting for the protection of single-phase consumer systems against transient overvoltages. With two protection paths in 1 MW, this Schrack fine protection element is ideal for space-saving installation in small distribution boxes or other DIN rail enclosures. The plug-in design allows easy replacement of the module in case of any overloading of the arrester.

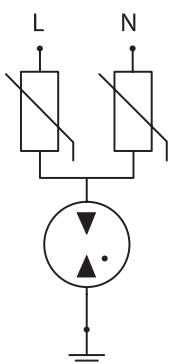
TECHNICAL DATA

	VMG 275
SPD continuous voltage U_c	275 V _{AC}
Nominal discharge current I_n (8/20)	3 kA / Pol
U_{oc} (1.2/50)	6 kV / Pol
Protection level U_p (1a I_n)	≤0,9 kV
Response time t_a	<100 ns
Max. permissible ambient temperature	-40 °C ... +80 °C
Degree of protection open/installed	IP20 / 40
Max. permissible back-up fuse	63 A
Max. terminal cross-section	L, N = 6 mm ² ; PE = 25/35 mm ²
Auxiliary switch (optional)	250 V _{AC} / 0,5 A; max. 1,5 mm ²

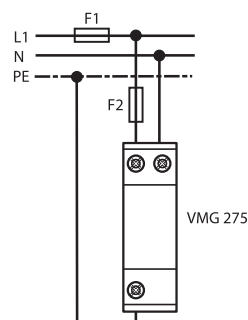
DIMENSIONS AND CIRCUIT DIAGRAMS



Internal circuit diagram



Schematic diagram



F2 only necessary if F1 > 63 AgL

DESCRIPTION	MW	ARRESTER CLASS	U_c	EAN CODE	AVAILABLE	ORDER NO.
D-arr. module 3 kA, VMG	1	TIII (D)	275 VAC	9004840250657		ISO10200
Base 1-pole for VMG / VEPG	1			9004840250664		ISO10201
Base 1-pole + aux. contact for VMG / VEPG	1			9004840250671		ISO10202



I KNOW WHERE TO FIND IT!

WITH THE SCHRACK TECHNIK LIVE-PHONE APP

- Access technical product information at any time and from everywhere
- See availability and price immediately
- Order desired products easily

FINE PROTECTION ELEMENTS – FLUSH-MOUNTED BOX AND ADAPTER PLUG



IS211450/ISO10002/ISO10003

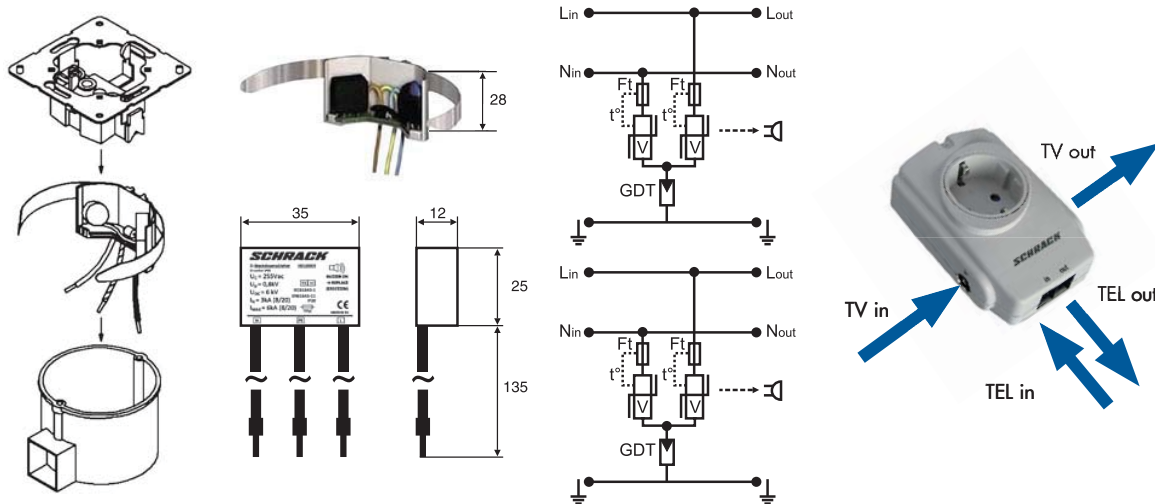
SCHRACK INFO

Schrack fine protection elements for flush-mounted boxes are suitable for installation of new and retrofitting existing earthed socket outlets. Through-wiring in the ISO10002 enables the connection of additional socket outlets. In case of overload, the built-in signal transmitter signals a defective device. The power supply of end devices is maintained. The Schrack fine protection adapter plug is ideal for retrofitting a test class 3 arrester for sensitive end devices. The combined protection of power lines and data lines with F-port (TV aerial) or telephone line connection (RJ11) protects all important feed lines to TV set or phone line. Installation always in combination with Protec, Combtec or Vartec arresters!

TECHNICAL DATA

	Flush-mounted box SPD		Adapter plug
	ISO10002	ISO10003	IS211450
Validated according to	Test class III (D) IEC61643-1/EN 61643-11		
Through-wiring	YES	NO	NO
Max. continuous voltage U_c	255 V _{AC}		275 V _{AC}
Combined surge U_{oc}/I_{sc}	4 kV / 2.5 kA	6 kV / 3 kA	6 kV / 3 kA
Max. input power	-	-	3500 VA
Protection level U_p (Ia Ii /L-N)	<0.9 kV	<0.8 kV	<1.25 kV
Max. back-up fuse	16 AgL/gG		
Temperature range	-0 °C - + 40 °C		
Terminal cross-section	2,5²	1,5²	-
Signalling	Buzzer	Buzzer	LED display
Child safety lock	-	-	YES

MOUNTING / DIMENSIONS / SCHEMATIC MOUNTING – FLUSH-MOUNTED BOX



DESCRIPTION	ARRESTER CLASS	U_c	EAN CODE	AVAILABLE	ORDER NO.
Adapter plug 230 VAC /16A	TIII (D)	275 V AC	9004840585919		IS211450
D-Base outlet arrester 2.5 kA, through-wiring	TIII (D)	255 V AC	9004840255911		ISO10002
D-Base outlet arrester 2.5 kA	TIII (D)	255 V AC	9004840532432		ISO10003

