

NEW!

PRODUCT INFORMATION

C152 ... C157

**Multipole DC and AC cam contactors
with reduced power consumption**



Schaltbau has updated its line of cam contactors that have proven their worth over decades. Like the CT and CA Series the new contactors come with double winding coil and electronic coil controller which provide for improved energy efficiency with respect to the contactor's holding power, emissivity and power consumption.

Mode of operation: The high inrush current generated for a short time causes the contactor to pull in. After a defined period of time (0.6 s up to 1.0 s) there is an automatic switch from pull-in coil to hold coil – and that is to say to low-energy continuous operation.

Features

- Double winding coil with electronic coil controller
- Rugged, reliable design, many variants
- 2, 3 or 4 main contacts: SPST-NC or SPST-NO for DC and AC
- 4 auxiliary contacts, max.

Standards

- IEC 60077-1, IEC 60077-2
- IEC 60947-1, IEC 60947-4-1

Specifications

Series	C152	C153	C154	C155	C156	C157
Type of voltage	DC, AC	DC, AC	DC, AC	DC, AC	DC, AC	DC, AC
Main contacts: NO, NC	2x	3x	4x	2x	3x	4x *
Nominal voltage U_n		450 V			750 V	
Rated insulation voltage U_i		600 V			1,000 V	
Conv. thermal current I_{th}						
Cam switch elements S306		160 A / 200 A			---	
Cam switch elements S307		---			250 A / 300 A	
Pollution degree / overvoltage category	PD3 / OV3					
Auxiliary contacts	4 cam switch elements S007 max. or 4 snap-action switches S800 and S826 resp.					
Coil voltage U_s	24 / 48 / 72 / 96 / 110 V DC					
Coil tolerance	-30 % ... +25 % U_s					
Coil power	Pull-in coil: 200 W / hold coil: 18 W					
Vibration / shock (IEC 61373)	Class B, category 1					
Mounting orientation	Vertical (coil terminals pointing upwards) or horizontal (magnetic drive pointing downwards)					
Temperature range	-25° C ... +70° C					
Mechanical endurance	> 1 million operating cycles					

* upon request