

**Type designation: KETO-1-4/F**

**Article number: T100114002**

### Images



(Illustration similar)

### Description

according to EN60947-3, size NH1 - 250A, 4pole  
for baseplate mounting  
with screw terminal M10 x 25  
cable terminal at top and bottom side  
new design (black switching handle)

### Features

Type:	KETO-1-4/F
Product Lifecycle:	Active product
Product standard:	IEC/DIN EN60947-3
Size:	NH1
Rated operating voltage $U_e$ :	690 V
Rated operating current $I_e$ :	250 A
Conv. free air thermal current with fuse-links $I_{th}$ :	250 A
Conv. free air thermal current with solid links:	250 A
Rated frequency:	50 - 60 Hz
Rated isolation voltage $U_i$ :	1,000 V
Total power loss at $I_{th}$ (without fuse-link) $P_V$ :	20 W
Power loss at 80% $I_{th}$ (without fuse-link):	13 W
Utilization category 1:	690V - 250A - AC-21B
Utilization category 2:	400V - 250A - AC-23B
Utilization category 3:	250V - 250A - DC-22B
Rated impulse voltage $U_{imp}$ :	8 kV
Rated conditional short-circuit current $I_{cc}$ :	65 (AC 690V) kA
Rated short-time withstand current (kA):	8,6
Max. permissible power dissipation per fuse-link:	23 W
Ambient temperature:	-25 up to +70 (Attention derating of rated current required) °C
Altitude:	2000 m
Pollution degree:	3
Overvoltage category:	III
Mounting position:	vertical / horizontal
Electrical endurance (switching cycles):	200
Mechanical endurance (total switching cycles):	1,600
Material properties:	<b>Unterteil:</b> Temperaturbeständigkeit bis 125°C Selbstverlöschend nach UL94 Kriechstromfestigkeit CTI 600 Halogenfrei

**Schutzabdeckungen, Schaltdeckel:**

Temperaturbeständigkeit bis 125°C  
 Selbstverlöschend nach UL94  
 Kriechstromfestigkeit CTI 600  
 Halogenfrei

**Sicherungsaufnahmekontakte:**














E-Cu, versilbert, fremdbefedert

Degree of protection:	IP2XC
Applicable for fuse-links:	NH1
Cable terminal:	Flat terminal M10
Direction of cable terminal:	variable
Type of installation:	Baseplate mounting
Poles:	4
Special features:	4th pole advanced making, delayed breaking
Fuse monitoring:	None
Hight:	298 mm
Width:	254 mm
Depth:	117 mm
ETIM - Code:	EC001040

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**Documents**

	Catalogue	
	Dimensions	
	Operating manual	
	3D-STEP	
	Rated diversity factor	
	Catalogue Appendix	
	CE-conformity declaration	