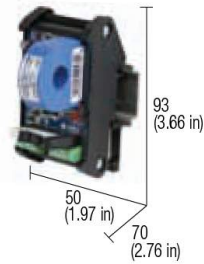


Токовый преобразователь с пороговым переключением серии CCIS



Current to threshold converters

- For AC current measure
- Adjustable threshold value
- Versions with transistor or relay output
- IN/OUT 3 KV isolation



NOTES	BLOCK DIAGRAM	
<p>The dimensions includes the terminal blocks and the DIN clamp. (1) Isolation referred to conductor being measured, not isolated (naked) and in contact with the wall of the toroid. By using isolated conductors, the isolation value of the conductor is added to isolation of the module.</p>	<p>(A) AC load (B) Threshold (C) Output with SPDT contact (D) Digital input drive by transistor Power supply 24 Vac/dc</p>	
VERSIONS	Cod. XCCIS2 CCIS-2	
INPUT TECHNICAL DATA		
Max. measured current	50 A (AC)	
Max. measured voltage	600 Vac (1)	
Frequency	50..60 Hz	
Sensor's hole diameter	Ø 13 mm	
OUTPUT TECHNICAL DATA		
Threshold regulation	2...40 A	
Threshold hysteresis	± 10%	
Max. output current	100 mA open collector PNP	
Output status	"high" 24 V (closed) with I < threshold "low" 0 V (open) with I > threshold	
Response time	20 ms	
GENERAL TECHNICAL DATA		
Supply voltage	24 Vdc ± 10%	
Max rated current	100 mA	
Operating temperature range	0...60°C	
Input/output isolation	> 3 KVac /60 s	
Connection terminal	2.5 mm ² fixed screw type (14 AWG)	
Housing material	polyamide UL94V-03	
Approx. weight	100 g (3.53 oz)	
Mounting information	vertical on rail adjacent without gap	
MOUNTING ACCESSORIES		
Profilato d'appoggio a norma IEC60715/TH35	PR/3/AC, PR/3/AS	
Profilato d'appoggio a norma IEC60715/G32	PR/DIN/AC, PR/DIN/AS, PR/DIN/AL	
Plug-in jumper (16 poles, 16 A)	red	—
	white	—
	blue	—

APPLICATIONS
This module converts a current flowing through circuit into a threshold that can be adjusted by the potentiometer; when the current reaches the threshold value, the relay or the transistor switches; the wire must be feed through the hole of the current sensor for current detection.